

LISTA DE SECUENCIAS

LISTADO DE SECUENCIAS

<110> Stemcentrx, Inc
 <120> RECEPTORES QUIMERICOS DE ANTÍGENO ANTI-CLDN Y MÉTODOS DE USO
 <130> sc2703.p2 // S69697 1270US.P2
 <150> 62/157.928
 <151> 2015-05-06
 <150> 62/247.108
 <151> 2015-10-27
 <150> PCT/US2014/064165
 <151> 2014-11-05
 <160> 178
 <170> PatentIn versión 3.5
 <210> 1
 <211> 107
 <212> PRT
 <213> Homo sapiens

<220>
 <221> MISC_FEATURE
 <223> Proteína de región constante de cadena liviana Kappa (LC)
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Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu
 1 5 10 15

Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe
 20 25 30

Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln
 35 40 45

Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser
 50 55 60

Thr Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu
 65 70 75 80

Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser
 85 90 95

Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys
 100 105

<210> 2

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<211> 329
<212> PRT
<213> Homo sapiens

<220>
<221> MISC_FEATURE
<223> Proteína de región constante de cadena pesada (HC) IgGI
<400> 2

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
1 5 10 15

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
35 40 45

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
50 55 60

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
85 90 95

Lys Val Glu Pro Lys Ser Ser Asp Lys Thr His Thr Cys Pro Pro Cys
100 105 110

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
195 200 205

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Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
225 230 235 240

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
245 250 255

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
275 280 285

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly
325

<210> 3
<211> 15
<212> PRT
<213> Secuencia artificial

<220>
<223> Proteína ligadora scFv

<400> 3

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
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<211> 747
<212> ADN
<213> Secuencia artificial

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<223> hsc27.108 scFv

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cctggtcagg caccctcgatt gttgatctat ggcacatcta acctggccag cggcatccct 180
gctcgggttca gtggatctgg ctccggaaca gatttcactc tcactatcag ctcccttgag 240

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cctgaagatt ttgccgtgta ctactgtcag caatggagtt cctacccccca cacctttggc 300
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gtgaaggtat cttgtaaggc ctcaggttac acctttacaa attatctgat cgaatgggtg 480
agacaggccc caggtcaggg tctggaatgg atgggactca tcaaccctgg gagtggcggg 540
accaactaca acgaaaagtt taaggggaga gtgacaatga ccacagatac cagtacctcc 600
accgcatata tggagctgcg aagcttgagg tccgatgaca ctgctgtgta ctattgcgcc 660
cgtagaagcc cactcgggtc ttggatctat tacgcatacg atggtgtggc ctattggggc 720
cagggcacc tggtgacagt ctctctg 747

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Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Leu Ser Pro Gly
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Glu Arg Ala Thr Leu Ser Cys Ser Val Ser Ser Ser Ile Ser Ser Ser
20 25 30

Asn Leu His Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
35 40 45

Ile Tyr Gly Thr Ser Asn Leu Ala Ser Gly Ile Pro Ala Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu
65 70 75 80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Trp Ser Ser Tyr Pro
85 90 95

His Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Gly Gly Gly Gly
100 105 110

Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gln Val Gln Leu Val
115 120 125

Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala Ser Val Lys Val Ser
130 135 140

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Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asn Tyr Leu Ile Glu Trp Val
145 150 155 160

Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met Gly Leu Ile Asn Pro
165 170 175

Gly Ser Gly Gly Thr Asn Tyr Asn Glu Lys Phe Lys Gly Arg Val Thr
180 185 190

Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser
195 200 205

Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Arg Ser Pro
210 215 220

Leu Gly Ser Trp Ile Tyr Tyr Ala Tyr Asp Gly Val Ala Tyr Trp Gly
225 230 235 240

Gln Gly Thr Leu Val Thr Val Ser Ser
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<210> 6
<211> 702
<212> ADN
<213> Secuencia artificial

<220>
<223> hSC27.204v2 scFv

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ggcaaggccc ccaagtccct gatctactcc gcctcctaca gatactccgg cgtgccctcc	180
agattctccg gctctggctc tggcaccgac ttaccctga ccatcagctc cctgcagccc	240
gaggacttcg ccacctacta ctgccagcag tacatcacct acccctacac cttcggcgga	300
ggcaccaagg tggaaatcaa gggcggcgga ggatctggcg gaggcggaag tggcggaggg	360
ggatctgaag tgcagctgct ggaatctggc ggcggactgg tgcagcctgg cggatctctg	420
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caggctcctg gcaagggcct ggaatgggtg tccgagatca accccgactc ctccaccatc	540
cagtacacc ccagcctgaa ggcccgggtc accatctctc gggacaactc caagaacacc	600
ctgtacctgc agatgaactc cctgcgggcc gaggacaccg ccgtgtacta ctgtaccggc	660
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LISTA DE SECUENCIAS

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 <211> 234
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> hSC27.204v2 scFv

<400> 7

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Asp Arg Val Thr Ile Thr Cys Lys Ala Gly Gln Asn Val Gly Thr Ser
 20 25 30

Val Ala Trp Phe Gln Gln Lys Pro Gly Lys Ala Pro Lys Ser Leu Ile
 35 40 45

Tyr Ser Ala Ser Tyr Arg Tyr Ser Gly Val Pro Ser Arg Phe Ser Gly
 50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
 65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Ile Thr Tyr Pro Tyr
 85 90 95

Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Gly Gly Gly Gly Ser
 100 105 110

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Glu Val Gln Leu Leu Glu
 115 120 125

Ser Gly Gly Gly Leu Val Gln Pro Gly Gly Ser Leu Arg Leu Ser Cys
 130 135 140

Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr Trp Met Ser Trp Val Arg
 145 150 155 160

Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Ser Glu Ile Asn Pro Asp
 165 170 175

Ser Ser Thr Ile Gln Tyr Thr Pro Ser Leu Lys Ala Arg Phe Thr Ile
 180 185 190

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
 195 200 205

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Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Thr Gly Pro Ala Tyr Trp
210 215 220

Gly Gln Gly Thr Leu Val Thr Val Ser Ser
225 230

<210> 8
<211> 1482
<212> ADN
<213> Secuencia artificial

<220>
<223> SCT1-h27.108 scFv

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ggccgggatc ctgaaatggg cggcaagccc agacggaaga acccccagga aggcctgtat 1320
aacgaactgc agaaagacaa gatggccgag gcctacagcg agatcggaat gaagggcgag 1380

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cggagaagag gcaagggcca cgatggcctg taccagggcc tgagcaccgc caccaaggac 1440

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<210> 9

<211> 493

<212> PRT

<213> Secuencia artificial

<220>

<223> SCT1-h27.108 scFv

<400> 9

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His Ala Ala Arg Pro Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu
20 25 30

Ser Leu Ser Pro Gly Glu Arg Ala Thr Leu Ser Cys Ser Val Ser Ser
35 40 45

Ser Ile Ser Ser Ser Asn Leu His Trp Tyr Gln Gln Lys Pro Gly Gln
50 55 60

Ala Pro Arg Leu Leu Ile Tyr Gly Thr Ser Asn Leu Ala Ser Gly Ile
65 70 75 80

Pro Ala Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr
85 90 95

Ile Ser Ser Leu Glu Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln
100 105 110

Trp Ser Ser Tyr Pro His Thr Phe Gly Gly Gly Thr Lys Val Glu Ile
115 120 125

Lys Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
130 135 140

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
145 150 155 160

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asn Tyr
165 170 175

Leu Ile Glu Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
180 185 190

LISTA DE SECUENCIAS

Gly Leu Ile Asn Pro Gly Ser Gly Gly Thr Asn Tyr Asn Glu Lys Phe
195 200 205

Lys Gly Arg Val Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr
210 215 220

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
225 230 235 240

Ala Arg Arg Ser Pro Leu Gly Ser Trp Ile Tyr Tyr Ala Tyr Asp Gly
245 250 255

Val Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Thr Thr
260 265 270

Thr Pro Ala Pro Arg Pro Pro Thr Pro Ala Pro Thr Ile Ala Ser Gln
275 280 285

Pro Leu Ser Leu Arg Pro Glu Ala Cys Arg Pro Ala Ala Gly Gly Ala
290 295 300

Val His Thr Arg Gly Leu Asp Phe Ala Cys Asp Ile Tyr Ile Trp Ala
305 310 315 320

Pro Leu Ala Gly Thr Cys Gly Val Leu Leu Leu Ser Leu Val Ile Thr
325 330 335

Leu Tyr Cys Lys Arg Gly Arg Lys Lys Leu Leu Tyr Ile Phe Lys Gln
340 345 350

Pro Phe Met Arg Pro Val Gln Thr Thr Gln Glu Glu Asp Gly Cys Ser
355 360 365

Cys Arg Phe Pro Glu Glu Glu Glu Gly Gly Cys Glu Leu Arg Val Lys
370 375 380

Phe Ser Arg Ser Ala Asp Ala Pro Ala Tyr Lys Gln Gly Gln Asn Gln
385 390 395 400

Leu Tyr Asn Glu Leu Asn Leu Gly Arg Arg Glu Glu Tyr Asp Val Leu
405 410 415

Asp Lys Arg Arg Gly Arg Asp Pro Glu Met Gly Gly Lys Pro Arg Arg
420 425 430

Lys Asn Pro Gln Glu Gly Leu Tyr Asn Glu Leu Gln Lys Asp Lys Met
435 440 445

LISTA DE SECUENCIAS

Ala Glu Ala Tyr Ser Glu Ile Gly Met Lys Gly Glu Arg Arg Arg Gly
450 455 460

Lys Gly His Asp Gly Leu Tyr Gln Gly Leu Ser Thr Ala Thr Lys Asp
465 470 475 480

Thr Tyr Asp Ala Leu His Met Gln Ala Leu Pro Pro Arg
485 490

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accatcacat gcaaggccgg ccagaacgtg ggcacctctg tggcctgggt ccagcagaag	180
cctggcaagg cccccaagtc cctgatctac tccgcctcct acagatactc cggcgtgccc	240
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cccgaggact tcgccaccta ctactgccag cagtacatca cctacccta caccttcggc	360
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atccagtaca ccccgagcct gaaggcccgg ttcaccatct ctcgggacaa ctccaagaac	660
accctgtacc tgcagatgaa ctccctgcgg gccgaggaca ccgccgtgta ctactgtacc	720
ggccctgctt attggggcca gggcacctc gtgaccgtgt cctcttcctc gaccacaacc	780
cctgccccca gacctctac acccgcccct acaattgcca gccagcctct gtctctgagg	840
cccgaggctt gtagaccagc tgctggcgga gccgtgcaca ccagaggact ggatttcgcc	900
tgcgacatct acatctgggc ccctctggcc ggcacatgtg gcgtgctgct gctgagcctc	960
gtgatcacc tgtactgcaa gcggggcaga aagaaactgc tgtacatctt taagcagccc	1020
ttcatgcggc ccgtgcagac caccaggaa gaggacggct gtcctgcag attccccgag	1080
gaagaagaag gcggctgcga gctgagagtg aagttcagca gatccgccga cggccctgcc	1140
tacaagcagg gccagaacca gctgtacaac gagctgaacc tgggcagacg ggaagagtac	1200
gacgtgctgg acaagcggag aggccgggat cctgaaatgg gcggcaagcc cagacggaag	1260

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gagatcggaa tgaagggcga gcggagaaga ggcaagggcc acgatggcct gtaccagggc 1380
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tga 1443

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<211> 480
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<213> Secuencia artificial

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<223> SCT1-h27.204v2

<400> 11

Met Ala Leu Pro Val Thr Ala Leu Leu Leu Pro Leu Ala Leu Leu Leu
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His Ala Ala Arg Pro Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu
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Ser Ala Ser Val Gly Asp Arg Val Thr Ile Thr Cys Lys Ala Gly Gln
35 40 45

Asn Val Gly Thr Ser Val Ala Trp Phe Gln Gln Lys Pro Gly Lys Ala
50 55 60

Pro Lys Ser Leu Ile Tyr Ser Ala Ser Tyr Arg Tyr Ser Gly Val Pro
65 70 75 80

Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
85 90 95

Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr
100 105 110

Ile Thr Tyr Pro Tyr Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
115 120 125

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Glu
130 135 140

Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly Ser
145 150 155 160

Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr Trp
165 170 175

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Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Ser
180 185 190

Glu Ile Asn Pro Asp Ser Ser Thr Ile Gln Tyr Thr Pro Ser Leu Lys
195 200 205

Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
210 215 220

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Thr
225 230 235 240

Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ser
245 250 255

Ser Thr Thr Thr Pro Ala Pro Arg Pro Pro Thr Pro Ala Pro Thr Ile
260 265 270

Ala Ser Gln Pro Leu Ser Leu Arg Pro Glu Ala Cys Arg Pro Ala Ala
275 280 285

Gly Gly Ala Val His Thr Arg Gly Leu Asp Phe Ala Cys Asp Ile Tyr
290 295 300

Ile Trp Ala Pro Leu Ala Gly Thr Cys Gly Val Leu Leu Leu Ser Leu
305 310 315 320

Val Ile Thr Leu Tyr Cys Lys Arg Gly Arg Lys Lys Leu Leu Tyr Ile
325 330 335

Phe Lys Gln Pro Phe Met Arg Pro Val Gln Thr Thr Gln Glu Glu Asp
340 345 350

Gly Cys Ser Cys Arg Phe Pro Glu Glu Glu Glu Gly Gly Cys Glu Leu
355 360 365

Arg Val Lys Phe Ser Arg Ser Ala Asp Ala Pro Ala Tyr Lys Gln Gly
370 375 380

Gln Asn Gln Leu Tyr Asn Glu Leu Asn Leu Gly Arg Arg Glu Glu Tyr
385 390 395 400

Asp Val Leu Asp Lys Arg Arg Gly Arg Asp Pro Glu Met Gly Gly Lys
405 410 415

Pro Arg Arg Lys Asn Pro Gln Glu Gly Leu Tyr Asn Glu Leu Gln Lys
420 425 430

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Asp Lys Met Ala Glu Ala Tyr Ser Glu Ile Gly Met Lys Gly Glu Arg
435 440 445

Arg Arg Gly Lys Gly His Asp Gly Leu Tyr Gln Gly Leu Ser Thr Ala
450 455 460

Thr Lys Asp Thr Tyr Asp Ala Leu His Met Gln Ala Leu Pro Pro Arg
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<211> 8
<212> PRT
<213> Mus musculus

<400> 12

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<210> 13
<211> 8
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<400> 13

Arg Glu Ser Glu Arg Val Glu Asp
1 5

<210> 14
<211> 8
<212> PRT
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<400> 14

Arg Glu Ser Glu Arg Val Glu Asp
1 5

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<212> PRT
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<400> 15

Arg Glu Ser Glu Arg Val Glu Asp
1 5

<210> 16
<211> 8
<212> PRT
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<400> 16

Arg Glu Ser Glu Arg Val Glu Asp
1 5

<210> 17

<211> 8

<212> PRT

<213> Mus musculus

<400> 17

Arg Glu Ser Glu Arg Val Glu Asp
1 5

<210> 18

<211> 8

<212> PRT

<213> Mus musculus

<400> 18

Arg Glu Ser Glu Arg Val Glu Asp
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<210> 19

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<212> PRT

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<400> 19

Arg Glu Ser Glu Arg Val Glu Asp
1 5

<210> 20

<211> 321

<212> ADN

<213> Mus musculus

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<223> Región variable de cadena liviana SC27.1

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ggaaatgctc ccaggctctt aatatctggt gcaaccagtt tggaaactgg gactccttca 180

agattcagtg gcagtggatc tggaaaggat tacactctca gtattaccag tcttcggact 240

gaagatgctg ctacttatta ctgtcaacaa tattggagta ctccactcac gttcgggtact 300

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LISTA DE SECUENCIAS

<210> 21
 <211> 107
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 <213> Mus musculus

<220>
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 20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Asn Ala Pro Arg Leu Leu Ile
 35 40 45

Ser Gly Ala Thr Ser Leu Glu Thr Gly Thr Pro Ser Arg Phe Ser Gly
 50 55 60

Ser Gly Ser Gly Lys Asp Tyr Thr Leu Ser Ile Thr Ser Leu Arg Thr
 65 70 75 80

Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Tyr Trp Ser Thr Pro Leu
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Thr Phe Gly Thr Gly Thr Lys Leu Glu Leu Lys
 100 105

<210> 22
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 <212> ADN
 <213> Mus musculus

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 <223> Región variable de cadena pesada SC27.1

<400> 22

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catggaaaga gccttgagtg gattggaggt attaatccta acaatgggtga tactatctac	180
aaccagaaat tcaagggcaa ggccacattg actgtagaca agtcctccag cacagcctac	240
atggagctcc gcagcctgac atctgaatat tctgcagtct attactgtgc aagaagggcg	300
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LISTA DE SECUENCIAS

<210> 23
 <211> 119
 <212> PRT
 <213> Mus musculus

<220>
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 <223> Región variable de cadena pesada SC27.1

<400> 23

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Thr Leu His Trp Val Lys Gln Ser His Gly Lys Ser Leu Glu Trp Ile
 35 40 45

Gly Gly Ile Asn Pro Asn Asn Gly Asp Thr Ile Tyr Asn Gln Lys Phe
 50 55 60

Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
 65 70 75 80

Met Glu Leu Arg Ser Leu Thr Ser Glu Tyr Ser Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Arg Ala Ile Thr Val Tyr Ala Met Asp Tyr Trp Gly Gln Gly
 100 105 110

Thr Ser Val Thr Val Ser Ser
 115

<210> 24
 <211> 333
 <212> ADN
 <213> Mus musculus

<220>
 <221> misc_feature
 <223> Región variable de cadena liviana SC27.22

<400> 24

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 atctcatgca gggccagcca gactgtcagt acatctagct atagttatat gactgggttc 120
 caacagaaac caggacagcc acccaaactc ctcatcaagt ttgcatccaa cgtagaatct 180
 ggggtccctg ccagattcag tggcagtggg tctggggacag acttcaccct caacatccat 240

LISTA DE SECUENCIAS

cctgtggagg aggaggatat ttcaacatat tactgtcagc acagttggga gattccgtgg 300
acgttcggtg gaggcaccaa gctggaaatc aaa 333

<210> 25
<211> 111
<212> PRT
<213> Mus musculus

<220>
<221> MISC_FEATURE
<223> Región variable de cadena liviana SC27.22

<400> 25

Asp Ile Val Leu Thr Gln Ser Pro Ala Ser Leu Ala Val Ser Leu Gly
1 5 10 15

Gln Arg Ala Thr Ile Ser Cys Arg Ala Ser Gln Thr Val Ser Thr Ser
20 25 30

Ser Tyr Ser Tyr Met His Trp Phe Gln Gln Lys Pro Gly Gln Pro Pro
35 40 45

Lys Leu Leu Ile Lys Phe Ala Ser Asn Val Glu Ser Gly Val Pro Ala
50 55 60

Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Asn Ile His
65 70 75 80

Pro Val Glu Glu Glu Asp Ile Ser Thr Tyr Tyr Cys Gln His Ser Trp
85 90 95

Glu Ile Pro Trp Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
100 105 110

<210> 26
<211> 366
<212> ADN
<213> Mus musculus

<220>
<221> misc_feature
<223> Región variable de cadena pesada SC27.22

<400> 26

caggtccaac tgcagcagcc tggggctgag ctggtgaggc ctggagcttc agtgaagctg 60

tcctgcaagg cttctggcta caccttcacc agctactgga tgaactgggt gaagcagagg 120

cctggacaag gccttgaatg gattgccatg attcatcctt ccgatagtga aattagggtta 180

LISTA DE SECUENCIAS

aatcagaagt tcaaggacaa ggccacattg actgtagaca gatcctccag cacagcctac 240
atgcaactca gcagcccgac atctgaggac tctgcggtct attactgtgc aagaattgat 300
agttattatg gttacctgtt ttactttgac tactggggcc aaggcaccac tctcacagtc 360
tcctca 366

<210> 27
<211> 122
<212> PRT
<213> Mus musculus

<220>
<221> MISC_FEATURE
<223> Región variable de cadena pesada SC27.22

<400> 27

Gln Val Gln Leu Gln Gln Pro Gly Ala Glu Leu Val Arg Pro Gly Ala
1 5 10 15

Ser Val Lys Leu Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile
35 40 45

Ala Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Lys Ala Thr Leu Thr Val Asp Arg Ser Ser Ser Thr Ala Tyr
65 70 75 80

Met Gln Leu Ser Ser Pro Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Leu Thr Val Ser Ser
115 120

<210> 28
<211> 324
<212> ADN
<213> Mus musculus

<220>
<221> misc_feature
<223> Región variable de cadena liviana SC27.103

LISTA DE SECUENCIAS

<400> 28
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 atgacctgca ctgccagctc aagtgttaagt tccagttact tgcactggta ccagcagaag 120
 ccaggatcct cccccacact ctggatttat aggacatccg acctggcttc tggagtccca 180
 gctcgcttca gtggcagtgg atctgggacc tcttactctc tcacaatcag cagcatggag 240
 gctgaagatg ctgccactta ttactgccac cagtatcatc gttccccgtg gacgttcggt 300
 ggaggcacca ggctggaaat caaa 324

<210> 29
 <211> 108
 <212> PRT
 <213> Mus musculus

<220>
 <221> MISC_FEATURE
 <223> Región variable de cadena liviana SC27.103

<400> 29
 Gln Ile Val Leu Thr Gln Ser Pro Ala Ile Met Ser Ala Ser Leu Gly
 1 5 10 15
 Glu Arg Val Thr Met Thr Cys Thr Ala Ser Ser Ser Val Ser Ser Ser
 20 25 30
 Tyr Leu His Trp Tyr Gln Gln Lys Pro Gly Ser Ser Pro Thr Leu Trp
 35 40 45
 Ile Tyr Arg Thr Ser Asp Leu Ala Ser Gly Val Pro Ala Arg Phe Ser
 50 55 60
 Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Ser Met Glu
 65 70 75 80
 Ala Glu Asp Ala Ala Thr Tyr Tyr Cys His Gln Tyr His Arg Ser Pro
 85 90 95
 Trp Thr Phe Gly Gly Gly Thr Arg Leu Glu Ile Lys
 100 105

<210> 30
 <211> 354
 <212> ADN
 <213> Mus musculus

<220>
 <221> misc_feature
 <223> Región variable de cadena pesada SC27.103

LISTA DE SECUENCIAS

<400> 30
gaggtccacc tgcaacagtc tggacctgag ctagtgaagc ctggagggttc aatgaagata 60
tcctgcaagg cttctgggta ctcatctact ggctacacca tgaactgggt gaagcagagc 120
catggaaaga accttgagtg gattggactt tttaatcctt acaatgggtg tactagttat 180
aaccagaagt tcaagggcaa ggccacatta actgtagaca agtcatccag cacagcctac 240
atggagctcc tcagtctgac atctgaggac tctgcagtct attactgtgc aagatgctat 300
aggtacgacg gtcttgacta ctggggccaa ggcaccactc tcacagtctc ctca 354

<210> 31
<211> 118
<212> PRT
<213> Mus musculus

<220>
<221> MISC_FEATURE
<223> Región variable de cadena pesada SC27.103

<400> 31
Glu Val His Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Gly
1 5 10 15
Ser Met Lys Ile Ser Cys Lys Ala Ser Gly Tyr Ser Phe Thr Gly Tyr
20 25 30
Thr Met Asn Trp Val Lys Gln Ser His Gly Lys Asn Leu Glu Trp Ile
35 40 45
Gly Leu Phe Asn Pro Tyr Asn Gly Gly Thr Ser Tyr Asn Gln Lys Phe
50 55 60
Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
65 70 75 80
Met Glu Leu Leu Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
85 90 95
Ala Arg Cys Tyr Arg Tyr Asp Gly Leu Asp Tyr Trp Gly Gln Gly Thr
100 105 110
Thr Leu Thr Val Ser Ser
115

<210> 32
<211> 321
<212> ADN
<213> Mus musculus

LISTA DE SECUENCIAS

<220>
 <221> misc_feature
 <223> Región variable de cadena liviana SC27.104
 <400> 32
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 attacttgca aggcaagtga ggacatatat aatcggtttag cctgggtatca gcagaaacca 120
 ggaaatgctc ccaggctctt aatatctggt gcaaccagtt tggaaactgg gggttccttca 180
 agattcagtg gcagtggatc tggaaaggat tacactctca gcattaccag tcttcagact 240
 gaagatgttg ctacttatta ctgtcaacag tattggagta atcctccgac gttcgggtgga 300
 ggcaccaagc tggaaatcaa a 321

<210> 33
 <211> 107
 <212> PRT
 <213> Mus musculus

<220>
 <221> MISC_FEATURE
 <223> Región variable de cadena liviana SC27.104

<400> 33
 Asp Ile Gln Met Thr Gln Ser Ser Ser Ser Phe Ser Val Ser Leu Gly
 1 5 10 15
 Asp Arg Val Thr Ile Thr Cys Lys Ala Ser Glu Asp Ile Tyr Asn Arg
 20 25 30
 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Asn Ala Pro Arg Leu Leu Ile
 35 40 45
 Ser Gly Ala Thr Ser Leu Glu Thr Gly Val Pro Ser Arg Phe Ser Gly
 50 55 60
 Ser Gly Ser Gly Lys Asp Tyr Thr Leu Ser Ile Thr Ser Leu Gln Thr
 65 70 75 80
 Glu Asp Val Ala Thr Tyr Tyr Cys Gln Gln Tyr Trp Ser Asn Pro Pro
 85 90 95
 Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
 100 105

<210> 34
 <211> 354
 <212> ADN

LISTA DE SECUENCIAS

<213> Mus musculus

<220>

<221> misc_feature

<223> Región variable de cadena pesada SC27.104

<400> 34

gaggtccagc tgcaacagtc tggacctgag ctggtgaagc ctggggccttc agtgaagata 60

tcctgcaaga cttctggata cacattcact gaatacaccg tgcactgggt gaagcagagc 120

catggaaaga gccttgagtg gattggaggt gtttatccta agaatgggtga tactacctac 180

aaccagaagt tcaggggcaa ggccacattg actgtagaca agtcctccaa cacagcctat 240

atggaactcc gcagcctgac atctgaggat tctgcagtct attactgtac aggaaaggat 300

gggtacgacg ggtttgctta ctggggccaa gggactctgg tcactgtctc tgca 354

<210> 35

<211> 118

<212> PRT

<213> Mus musculus

<220>

<221> MISC_FEATURE

<223> Región variable de cadena pesada SC27.104

<400> 35

Glu Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Ile Ser Cys Lys Thr Ser Gly Tyr Thr Phe Thr Glu Tyr
20 25 30

Thr Val His Trp Val Lys Gln Ser His Gly Lys Ser Leu Glu Trp Ile
35 40 45

Gly Gly Val Tyr Pro Lys Asn Gly Asp Thr Thr Tyr Asn Gln Lys Phe
50 55 60

Arg Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Asn Thr Ala Tyr
65 70 75 80

Met Glu Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
85 90 95

Thr Gly Lys Asp Gly Tyr Asp Gly Phe Ala Tyr Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ala
115

LISTA DE SECUENCIAS

<210> 36
 <211> 318
 <212> ADN
 <213> Mus musculus

<220>
 <221> misc_feature
 <223> Región variable de cadena liviana SC27.105

<400> 36
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 ctgacttgcc aggcaagtca gagtgtagc aataatttaa actggtatca gcaaacacca 120
 gggaaagctc ctaggctctt gatctatggt gcaagcaaat tggaagatgg ggtctcttca 180
 aggttcagtg gcaactggata tgggacagat ttcactttca ccatcagcag cctggaggaa 240
 gaagatgtgg caacttattt ttgtctacag cataggatc tgtggacgtt cgggtggaggc 300
 accaagctgg aaatcaaa 318

<210> 37
 <211> 106
 <212> PRT
 <213> Mus musculus

<220>
 <221> MISC_FEATURE
 <223> Región variable de cadena liviana SC27.105

<400> 37
 Asp Val Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Leu Gly
 1 5 10 15
 Glu Arg Val Ser Leu Thr Cys Gln Ala Ser Gln Ser Val Ser Asn Asn
 20 25 30
 Leu Asn Trp Tyr Gln Gln Thr Pro Gly Lys Ala Pro Arg Leu Leu Ile
 35 40 45
 Tyr Gly Ala Ser Lys Leu Glu Asp Gly Val Ser Ser Arg Phe Ser Gly
 50 55 60
 Thr Gly Tyr Gly Thr Asp Phe Thr Phe Thr Ile Ser Ser Leu Glu Glu
 65 70 75 80
 Glu Asp Val Ala Thr Tyr Phe Cys Leu Gln His Arg Tyr Leu Trp Thr
 85 90 95
 Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys

<210> 38
<211> 369
<212> ADN
<213> Mus musculus

<220>
<221> misc_feature
<223> Región variable de cadena pesada SC27.105

<400> 38
gagggtccagc tgcagcagtc tggacctgag ttggtgaagc ctggggccttc agtgaagata 60
tcctgcaagg cttctgggta ctcattcact ggctactaca tgaactgggt gaagcaaagt 120
cctgaaaaga gccttgagtg gattggagag attaatccta gcactggtag tactacttac 180
aaccagaagt tcaaggccaa ggccacattg actgtagaca aatcctccag cacagcctac 240
atgcagctca agagcctgac atctgaggac tctgcagtct attactgtgc aagaagggat 300
tattactacg gtagtggttt ctatgctatg gactactggg gtcaaggaac ctcagtcacc 360
gtctcctca 369

<210> 39
<211> 123
<212> PRT
<213> Mus musculus

<220>
<221> MISC_FEATURE
<223> Región variable de cadena pesada SC27.105

<400> 39
Glu Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Ala
1 5 10 15
Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Ser Phe Thr Gly Tyr
20 25 30
Tyr Met Asn Trp Val Lys Gln Ser Pro Glu Lys Ser Leu Glu Trp Ile
35 40 45
Gly Glu Ile Asn Pro Ser Thr Gly Ser Thr Thr Tyr Asn Gln Lys Phe
50 55 60
Lys Ala Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
65 70 75 80
Met Gln Leu Lys Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
85 90 95

LISTA DE SECUENCIAS

Ala Arg Arg Asp Tyr Tyr Tyr Gly Ser Gly Phe Tyr Ala Met Asp Tyr
100 105 110

Trp Gly Gln Gly Thr Ser Val Thr Val Ser Ser
115 120

<210> 40
<211> 321
<212> ADN
<213> Mus musculus

<220>
<221> misc_feature
<223> Región variable de cadena liviana SC27.106

<400> 40
gacatccaga tgacacaatc ttcacccctcc ttttctgtat ctctaggaga cagagtcacc 60
attacttgca aggcaagtga ggacatatat aatcgggttag cctgggtatca gcagaaacca 120
ggaaatgctc ctaggctctt aatatgtggt gcaaccagtt tggaaactgg gggttccttca 180
agattcagtg gcagtggatc tggaaaggat tacactctca gcattaccag tcttcagact 240
gaagatgttg ctacttatta ctgtcaacag tattggagta ctccgctcac gttcggtgct 300
gggaccaaac tggagctgaa a 321

<210> 41
<211> 107
<212> PRT
<213> Mus musculus

<220>
<221> MISC_FEATURE
<223> Región variable de cadena liviana SC27.106

<400> 41

Asp Ile Gln Met Thr Gln Ser Ser Ser Ser Phe Ser Val Ser Leu Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Lys Ala Ser Glu Asp Ile Tyr Asn Arg
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Asn Ala Pro Arg Leu Leu Ile
35 40 45

Cys Gly Ala Thr Ser Leu Glu Thr Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Lys Asp Tyr Thr Leu Ser Ile Thr Ser Leu Gln Thr
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LISTA DE SECUENCIAS

65 70 75 80

Glu Asp Val Ala Thr Tyr Tyr Cys Gln Gln Tyr Trp Ser Thr Pro Leu

85 90 95

Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys
100 105

<210>	42
<211>	357
<212>	ADN
<213>	Mus musculus

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<220>
<221> misc_feature
<223> Región variable de cadena pesada SC27.106
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<400>	42						
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tcctgcaaga	cttctggata	cacattcact	gaatacacca	tgcactgggt	gaagcagagc		120
catggaaaga	gccttgagtg	gattggaggt	attaatccta	acaatggtgg	tactaactac		180
aaccagaagt	tcaagggcaa	ggccacattg	actgttgaca	agtcctccag	cacagcctac		240
atggagctcc	gcagcctgac	atctgaggat	tctgcagtct	attactgtgc	aagaaggctt		300
attacttact	atgctatgga	ctactggggg	caaggaacct	cagtcaccgt	ctcctca		357

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<210> 43
<211> 119
<212> PRT
<213> Mus musculus
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<220>
<221> MISC_FEATURE
<223> Región variable de cadena pesada SC27.106
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<400> 43
Glu Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Ile Ser Cys Lys Thr Ser Gly Tyr Thr Phe Thr Glu Tyr
20 25 30

Thr Met His Trp Val Lys Gln Ser His Gly Lys Ser Leu Glu Trp Ile
35 40 45

Gly Gly Ile Asn Pro Asn Asn Gly Gly Thr Asn Tyr Asn Gln Lys Phe
50 55 60

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LISTA DE SECUENCIAS

Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Arg Leu Ile Thr Tyr Tyr Ala Met Asp Tyr Trp Gly Gln Gly
100 105 110

Thr Ser Val Thr Val Ser Ser
115

<210> 44
<211> 324
<212> ADN
<213> Mus musculus

<220>
<221> misc_feature
<223> Región variable de cadena liviana SC27.108

<400> 44
gaaattgtgc tcacccagtc tccagcactc atggctgcat ctccagggga gaaggtcacc 60
atcacctgca gtgtcagctc aagtataagt tccagcaact tgcactggta ccagcagaag 120
tcaggaacct cccccaact ctggatttat ggcacatcca acctggcttc tggagtcctt 180
gttcgcttca gtggcagtgg atctgggacc tcttattctc tcacaatcag caacatggag 240
gctgaagatg ctgccactta ttactgtcaa cagtggagta gttacccaca cacgttcgga 300
ggggggacca agctggaaat aaaa 324

<210> 45
<211> 108
<212> PRT
<213> Mus musculus

<220>
<221> MISC_FEATURE
<223> Región variable de cadena liviana SC27.108

<400> 45

Glu Ile Val Leu Thr Gln Ser Pro Ala Leu Met Ala Ala Ser Pro Gly
1 5 10 15

Glu Lys Val Thr Ile Thr Cys Ser Val Ser Ser Ser Ile Ser Ser Ser
20 25 30

Asn Leu His Trp Tyr Gln Gln Lys Ser Gly Thr Ser Pro Lys Leu Trp
35 40 45

LISTA DE SECUENCIAS

Ile Tyr Gly Thr Ser Asn Leu Ala Ser Gly Val Pro Val Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Asn Met Glu
65 70 75 80

Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp Ser Ser Tyr Pro
85 90 95

His Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
100 105

<210> 46
<211> 378
<212> ADN
<213> Mus musculus

<220>
<221> misc_feature
<223> Región variable de cadena pesada SC27.108

<400> 46
cagggtccaaa tgcagcagtc tggagctgag ctggtaaggc ctgggacttc agtgaagggtg 60
tcctgcaagg cttctggata cgccttcact aattacttga tagagtgggt aaagcagagg 120
cctggacagg gccttgagtg gattggactg attaatcctg gaagtgggtg tactaattac 180
aatgagaagt tcaagggcaa ggcaacactg actgcagaca aatcctccac cactgcctac 240
atgcagctca gcagcctgac atctgatgac tctgcggttt atttctgtgc aagacgggtcc 300
cctctagggga gttggatcta ctatgcttac gacgggtgttg cttactgggg ccaagggact 360
ctgggtcactg tctctgca 378

<210> 47
<211> 126
<212> PRT
<213> Mus musculus

<220>
<221> MISC_FEATURE
<223> Región variable de cadena pesada SC27.108

<400> 47

Gln Val Gln Met Gln Gln Ser Gly Ala Glu Leu Val Arg Pro Gly Thr
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Ala Phe Thr Asn Tyr
20 25 30

LISTA DE SECUENCIAS

Leu Ile Glu Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile
35 40 45

Gly Leu Ile Asn Pro Gly Ser Gly Gly Thr Asn Tyr Asn Glu Lys Phe
50 55 60

Lys Gly Lys Ala Thr Leu Thr Ala Asp Lys Ser Ser Thr Thr Ala Tyr
65 70 75 80

Met Gln Leu Ser Ser Leu Thr Ser Asp Asp Ser Ala Val Tyr Phe Cys
85 90 95

Ala Arg Arg Ser Pro Leu Gly Ser Trp Ile Tyr Tyr Ala Tyr Asp Gly
100 105 110

Val Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ala
115 120 125

<210> 48
<211> 321
<212> ADN
<213> Mus musculus

<220>
<221> misc_feature
<223> Región variable de cadena liviana SC27.201

<400> 48
gacatccaga tgacacaatc ttcacccctcc ttttctgtct ctctgggaga cagagtcact 60
attacttgca aggcaagtga ggacatctat aatcgggttag cctgggtatca acagaaacca 120
ggaaatgctc ctaggctctt aatatctggt gcaaccagtt tggaagctgg ggttccttca 180
ggattcagtg gcagtggatc tggaaaaggat tacactctca gcattaccag tcttcagact 240
gaagatgttg ctacttatta ctgtcaacag tattggagta ctctccgac gttcgggtgga 300
ggcaccaagc tggaactcaa g 321

<210> 49
<211> 107
<212> PRT
<213> Mus musculus

<220>
<221> MISC_FEATURE
<223> Región variable de cadena liviana SC27.201

<400> 49

Asp Ile Gln Met Thr Gln Ser Ser Ser Ser Phe Ser Val Ser Leu Gly
1 5 10 15

LISTA DE SECUENCIAS

Asp Arg Val Thr Ile Thr Cys Lys Ala Ser Glu Asp Ile Tyr Asn Arg
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Asn Ala Pro Arg Leu Leu Ile
35 40 45

Ser Gly Ala Thr Ser Leu Glu Ala Gly Val Pro Ser Gly Phe Ser Gly
50 55 60

Ser Gly Ser Gly Lys Asp Tyr Thr Leu Ser Ile Thr Ser Leu Gln Thr
65 70 75 80

Glu Asp Val Ala Thr Tyr Tyr Cys Gln Gln Tyr Trp Ser Thr Pro Pro
85 90 95

Thr Phe Gly Gly Gly Thr Lys Leu Glu Leu Lys
100 105

<210> 50
<211> 360
<212> ADN
<213> Mus musculus

<220>
<221> misc_feature
<223> Región variable de cadena pesada SC27.201

<400> 50	
gaggtccagc tgcaacagtc tggacctgaa ctggtgaagc ctggggcttc agtgaagata	60
tcctgcaaga cttctggata cacattcact gaaaacatca gacactgggt gaagcagagc	120
cgaggaaaga gccttgagt gattggtact attaatccta ataatggtga gactaggtac	180
aatcagaagt tcaagggcaa ggccacattg actgtagaca agtcctccag cacagcctac	240
atggagctcc gcagcctgac atctgaggat tctgcagtct attactgtac aagggggatt	300
acaaagtccc cttatggtat ggactactgg ggtcaaggaa cctcaatcac cgtctcctca	360

<210> 51
<211> 120
<212> PRT
<213> Mus musculus

<220>
<221> MISC_FEATURE
<223> Región variable de cadena pesada SC27.201

<400> 51

Glu Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Ala
1 5 10 15

LISTA DE SECUENCIAS

Ser Val Lys Ile Ser Cys Lys Thr Ser Gly Tyr Thr Phe Thr Glu Asn
20 25 30

Ile Arg His Trp Val Lys Gln Ser Arg Gly Lys Ser Leu Glu Trp Ile
35 40 45

Gly Thr Ile Asn Pro Asn Asn Gly Glu Thr Arg Tyr Asn Gln Lys Phe
50 55 60

Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
85 90 95

Thr Arg Gly Ile Thr Lys Ser Pro Tyr Gly Met Asp Tyr Trp Gly Gln
100 105 110

Gly Thr Ser Ile Thr Val Ser Ser
115 120

<210> 52
<211> 321
<212> ADN
<213> Mus musculus

<220>
<221> misc_feature
<223> Región variable de cadena liviana SC27.203

<400> 52	
gacatccaga tgacacaatc ttcatcctcc ttttctgtat ctctaggaga cagagtcacc	60
atcacttgca aggcaagtga ggacatatat aatcgggttag cctgggtatca gcagaatcca	120
ggaaatactc ctaggctctt aatgtctggt gcaaccagtt tggaaactgg ggttccttca	180
agattcagtg gcagtggatc tggaaaaggat tacactctca gcattaccag tcttcagatt	240
gaagatgttt ctacttatta ctgtcaacaa tattggagta ctctccgac gttcgggtgga	300
ggcaccaggc tggaaatcaa a	321

<210> 53
<211> 107
<212> PRT
<213> Mus musculus

<220>
<221> MISC_FEATURE
<223> Región variable de cadena liviana SC27.203

LISTA DE SECUENCIAS

<400> 53

Asp Ile Gln Met Thr Gln Ser Ser Ser Ser Phe Ser Val Ser Leu Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Lys Ala Ser Glu Asp Ile Tyr Asn Arg
20 25 30

Leu Ala Trp Tyr Gln Gln Asn Pro Gly Asn Thr Pro Arg Leu Leu Met
35 40 45

Ser Gly Ala Thr Ser Leu Glu Thr Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Lys Asp Tyr Thr Leu Ser Ile Thr Ser Leu Gln Ile
65 70 75 80

Glu Asp Val Ser Thr Tyr Tyr Cys Gln Gln Tyr Trp Ser Thr Pro Pro
85 90 95

Thr Phe Gly Gly Gly Thr Arg Leu Glu Ile Lys
100 105

<210> 54

<211> 360

<212> ADN

<213> Mus musculus

<220>

<221> misc_feature

<223> Región variable de cadena pesada SC27.203

<400> 54

gaggtccagc tgcaacagtc tggacctgag ctggtgaagc ctggggcttc agtgaagata 60

tcctgcaaga cttctggata cacattcact gaaaacatca tacactgggt gaagcagagc 120

catggaaaga gccttgagtg gattggaggt attaatccta tcaatggtgg tactagctac 180

aaccagaagt tcaagggcaa ggccacattg actgtagaca agtcctccag cacagcctac 240

atggagctcc gtagcctgac atctgaggat tctgcagtct attactgtgc aagggggatt 300

actacgtccc cttatgctat ggactactgg ggtcaaggaa cctcagtcac cgtctcctca 360

<210> 55

<211> 120

<212> PRT

<213> Mus musculus

<220>

<221> MISC_FEATURE

LISTA DE SECUENCIAS

<223> Región variable de cadena pesada SC27.203

<400> 55

Glu Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Ile Ser Cys Lys Thr Ser Gly Tyr Thr Phe Thr Glu Asn
20 25 30

Ile Ile His Trp Val Lys Gln Ser His Gly Lys Ser Leu Glu Trp Ile
35 40 45

Gly Gly Ile Asn Pro Ile Asn Gly Gly Thr Ser Tyr Asn Gln Lys Phe
50 55 60

Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Gly Ile Thr Thr Ser Pro Tyr Ala Met Asp Tyr Trp Gly Gln
100 105 110

Gly Thr Ser Val Thr Val Ser Ser
115 120

<210> 56

<211> 321

<212> ADN

<213> Mus musculus

<220>

<221> misc_feature

<223> Región variable de cadena liviana SC27.204

<400> 56

gacattgtga tgacccagtc tcaaaaattc atgtccacat cagtaggaga cagggtcagc 60

gtcgcttgca aggccggtca gaatgtgggt actagtgtag cctggatatca acagaaacca 120

ggacattctc ctaaactact gatttactcg gcatcctacc ggtacagtgg agtccctaata 180

cgcttcacag gcagtggatc tgggacagat ttcactctca ccatcagcaa tgtgcagtct 240

gaagacttgg cagactatct ctgtcagcaa tatatcacct atccgtacac gttcggaggg 300

gggaccaagc tggaaataat a 321

<210> 57

<211> 107

<212> PRT

LISTA DE SECUENCIAS

<213> Mus musculus

<220>

<221> MISC_FEATURE

<223> Región variable de cadena liviana SC27.204

<400> 57

Asp Ile Val Met Thr Gln Ser Gln Lys Phe Met Ser Thr Ser Val Gly
1 5 10 15

Asp Arg Val Ser Val Ala Cys Lys Ala Gly Gln Asn Val Gly Thr Ser
20 25 30

Val Ala Trp Tyr Gln Gln Lys Pro Gly His Ser Pro Lys Ser Leu Ile
35 40 45

Tyr Ser Ala Ser Tyr Arg Tyr Ser Gly Val Pro Asn Arg Phe Thr Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Asn Val Gln Ser
65 70 75 80

Glu Asp Leu Ala Asp Tyr Phe Cys Gln Gln Tyr Ile Thr Tyr Pro Tyr
85 90 95

Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Ile
100 105

<210> 58

<211> 336

<212> ADN

<213> Mus musculus

<220>

<221> misc_feature

<223> Región variable de cadena pesada SC27.204

<400> 58

gaggtgaagg ttctcgagtc tggaggtggc ctggtgcagc ctggaggatc cctgaaactc 60

tcctgtgcag cctcaggatt cgatttttagt agatactgga tgagttgggt ccggcaggct 120

ccagggaaag gcctagaatg gattggagaa attaatccag atagcagtac gataaactat 180

acgccatctc taaaggctaa attcatcatc tccagagaca acgcaaaaaa tacgctgtac 240

ctgcaaatga gcaaagtgag atctgaggac acagcccttt attactgtac aggaccagct 300

tactgggggcc aagggactct ggctactgtc tctgca 336

<210> 59

<211> 112

LISTA DE SECUENCIAS

<212> PRT
<213> Mus musculus

<220>
<221> MISC_FEATURE
<223> Región variable de cadena pesada SC27.204

<400> 59

Glu Val Lys Val Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Lys Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Gly Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Lys Phe Ile Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Ser Lys Val Arg Ser Glu Asp Thr Ala Leu Tyr Tyr Cys
85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ala
100 105 110

<210> 60
<211> 321
<212> ADN
<213> Secuencia artificial

<220>
<223> Región variable de cadena liviana hSC27.1

<400> 60

gacatccaga tgacccagtc tccatcttcc gtgtctgcat ctgtaggaga cagagtcacc	60
atcacttgta aggcgagtga ggatatttac aaccggtag cctgggtatca gcagaaacca	120
gggaaagccc ctaagctcct gatctatggt gcaaccagtt tggaaactgg ggtcccatca	180
aggttcagcg gcagtggatc tgggacagat tacactctca ccatcagcag cctgcagcct	240
gaagattttg caacttacta ttgtcaacag tattggagta ctccactcac gttcgggtcaa	300
gggaccaagc tggagattaa a	321

<210> 61
<211> 107
<212> PRT

LISTA DE SECUENCIAS

<213> Secuencia artificial

<220>

<223> Región variable de cadena liviana hSC27.1

<400> 61

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Val Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Lys Ala Ser Glu Asp Ile Tyr Asn Arg
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Gly Ala Thr Ser Leu Glu Thr Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Tyr Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Trp Ser Thr Pro Leu
85 90 95

Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys
100 105

<210> 62

<211> 357

<212> ADN

<213> Secuencia artificial

<220>

<223> Región variable de cadena pesada hSC27.1

<400> 62

cagggtccagc ttgtgcagtc tggggctgag gtgaagaagc ctggggcctc agtgaaggtt 60

tcctgcaagg cttctggata caccttact gagtatactc tgcattgggt gcgccaggcc 120

cccggacaaa ggcttgagtg gatgggaggg atcaacccta acaatgggtga cacaatatat 180

aaccagaagt tcaagggcag agtcaccatt accagggaca catccgcgag cacagcctac 240

atggagctga gcagcctgag atctgaagac acggctgtgt attactgtgc gagaagggcg 300

attacggtct atgctatgga ctactggggt caaggtaccc tagtcaccgt ctcgagc 357

<210> 63

<211> 119

<212> PRT

<213> Secuencia artificial

<220>

LISTA DE SECUENCIAS

<223> Región variable de cadena pesada hSC27.1

<400> 63

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Glu Tyr
20 25 30

Thr Leu His Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
35 40 45

Gly Gly Ile Asn Pro Asn Asn Gly Asp Thr Ile Tyr Asn Gln Lys Phe
50 55 60

Lys Gly Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Arg Ala Ile Thr Val Tyr Ala Met Asp Tyr Trp Gly Gln Gly
100 105 110

Thr Leu Val Thr Val Ser Ser
115

<210> 64

<211> 333

<212> ADN

<213> Secuencia artificial

<220>

<223> Región variable de cadena liviana hSC27.22

<400> 64

gacattgtca tgaccagtc ccctgacagt ttggccgtta gcttggggga gcgtgccacc	60
atcaactgta gggctagtca aactgtttct acatcctcct actcttacat gcattggtat	120
cagcagaaac ctggtcagcc tccaaaactg ctgatttatt tcgcatctaa cgtcgagtcc	180
ggagttcctg accggttcag cggtatcagga agcgggtacag attttacact taccatctca	240
tctctgcaag cagaagatgt ggccgtgtac tattgtcagc attcctggga gatcccctgg	300
accttcgggc aggaaccaa gctcgagatt aaa	333

<210> 65

<211> 111

<212> PRT

<213> Secuencia artificial

LISTA DE SECUENCIAS

<220>

<223> Región variable de cadena liviana hSC27.22

<400> 65

Asp Ile Val Met Thr Gln Ser Pro Asp Ser Leu Ala Val Ser Leu Gly
1 5 10 15

Glu Arg Ala Thr Ile Asn Cys Arg Ala Ser Gln Thr Val Ser Thr Ser
20 25 30

Ser Tyr Ser Tyr Met His Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro
35 40 45

Lys Leu Leu Ile Tyr Phe Ala Ser Asn Val Glu Ser Gly Val Pro Asp
50 55 60

Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser
65 70 75 80

Ser Leu Gln Ala Glu Asp Val Ala Val Tyr Tyr Cys Gln His Ser Trp
85 90 95

Glu Ile Pro Trp Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys
100 105 110

<210> 66

<211> 366

<212> ADN

<213> Secuencia artificial

<220>

<223> Región variable de cadena pesada hSC27.22

<400> 66

caggtgcagt tgggtgcagag cggcgccgaa gtcaagaaac caggagcttc tgtcaaagtc 60

tcctgtaaaag cctccggata taccttcacc agctactgga tgaattgggt aagacaggcc 120

cccggacaga ggcttgagtg gatgggaatg atccatccct ctgacagcga gattcggctc 180

aaccagaagt ttaaagaccg agtgactatc acacgcgata ccagtgctag cacagcctac 240

atggagttga gttctcttcg tagcgaggac actgccgtgt attattgcgc ccgcatcgac 300

tcatattatg gttatctgtt ctacttcgac tattggggcc aggggaccac cgtgactgtg 360

tcttcc 366

<210> 67

<211> 122

<212> PRT

<213> Secuencia artificial

<220>

LISTA DE SECUENCIAS

<223> Región variable de cadena pesada hSC27.22

<400> 67

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser
115 120

<210> 68

<211> 324

<212> ADN

<213> Secuencia artificial

<220>

<223> Región variable de cadena liviana hSC27.108

<400> 68

gaaatcgtgc ttacacaatc ccctgccact ctgagccttt ctccaggcga gcgagcaacc 60

ctttcctgca gtgtttcctc ttcaatcagt tccagcaatt tgcactggta ccagcagaag 120

cctggtcagg caccgccgatt gttgatctat ggcacatcta acctggccag cggcatccct 180

gctcggttca gtggatctgg ctccggaaca gatttcactc tcactatcag ctcccttgag 240

cctgaagatt ttgccgtgta ctactgtcag caatggagtt cctaccccca cacctttggc 300

ggcgggacaa aggtcgagat aaaa 324

<210> 69

<211> 108

<212> PRT

<213> Secuencia artificial

LISTA DE SECUENCIAS

<220>

<223> Región variable de cadena liviana hSC27.108

<400> 69

Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Leu Ser Pro Gly
1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Ser Val Ser Ser Ser Ile Ser Ser Ser
20 25 30

Asn Leu His Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
35 40 45

Ile Tyr Gly Thr Ser Asn Leu Ala Ser Gly Ile Pro Ala Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu
65 70 75 80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Trp Ser Ser Tyr Pro
85 90 95

His Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105

<210> 70

<211> 378

<212> ADN

<213> Secuencia artificial

<220>

<223> Región variable de cadena pesada hSC27.108

<400> 70

caggtacagc tgggccagtc cggcgctgag gttaagaagc ccggtgcctc cgtgaaggta	60
tcttgtaagg cctcagggtta cacctttaca aattatctga tcgaatgggt gagacaggcc	120
ccaggtcagg gtctggaatg gatgggactc atcaaccctg ggagtggcgg gaccaactac	180
aacgaaaagt ttaaggggag agtgacaatg accacagata ccagtacctc caccgcatat	240
atggagctgc gaagcttgag gtccgatgac actgctgtgt actattgcgc ccgtagaagc	300
ccactcgggt cttggatcta ttacgcatac gatggtgtgg cctattgggg ccagggcacc	360
ctggtgacag tcagctcc	378

<210> 71

<211> 126

<212> PRT

<213> Secuencia artificial

<220>

LISTA DE SECUENCIAS

<223> Región variable de cadena pesada hSC27.108

<400> 71

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asn Tyr
20 25 30

Leu Ile Glu Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Leu Ile Asn Pro Gly Ser Gly Gly Thr Asn Tyr Asn Glu Lys Phe
50 55 60

Lys Gly Arg Val Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Arg Ser Pro Leu Gly Ser Trp Ile Tyr Tyr Ala Tyr Asp Gly
100 105 110

Val Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 72

<211> 321

<212> ADN

<213> Secuencia artificial

<220>

<223> Región variable de cadena liviana hSC27.204

<400> 72

gacatccaga tgaccagtc cccctccagc ctgtctgctt ccgtgggcga cagagtgacc 60

atcacatgca aggccggcca gaacgtgggc acctctgtgg cctgggtcca gcagaagcct 120

ggcaaggccc ccaagtccct gatctactcc gcctcctaca gatactccgg cgtgccctcc 180

agattctccg gctctggctc tggcaccgac ttaccctga ccatcagctc cctgcagccc 240

gaggacttcg ccacctacta ctgccagcag tacatcacct acccctacac cttcggcgga 300

ggcaccaagg tggaaatcaa g 321

<210> 73

<211> 107

<212> PRT

<213> Secuencia artificial

LISTA DE SECUENCIAS

<220>

<223> Región variable de cadena liviana hSC27.204

<400> 73

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Lys Ala Gly Gln Asn Val Gly Thr Ser
20 25 30

Val Ala Trp Phe Gln Gln Lys Pro Gly Lys Ala Pro Lys Ser Leu Ile
35 40 45

Tyr Ser Ala Ser Tyr Arg Tyr Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Ile Thr Tyr Pro Tyr
85 90 95

Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105

<210> 74

<211> 336

<212> ADN

<213> Secuencia artificial

<220>

<223> Región variable de cadena pesada hSC27.204

<400> 74

gaagtgcagc tgctggaatc tggcggcgga ctggtgcagc ctggcggatc tctgagactg 60

tcttgtgccg cctccggcctt caccttctcc cggctactgga tgcctctgggt gcgacaggct 120

cctggcaagg gcctggaatg ggtgtccgag atcaaccccg actcctccac catcaactac 180

acccccagcc tgaaggcccg gttcaccatc tctcgggaca actccaagaa caccctgtac 240

ctgcagatga actccctgcg ggccgaggac accgccgtgt actactgtac cggccctgct 300

tattgggggcc agggcaccct cgtgaccgtg tcctct 336

<210> 75

<211> 112

<212> PRT

<213> Secuencia artificial

<220>

<223> Región variable de cadena pesada hSC27.204

LISTA DE SECUENCIAS

<400> 75

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

<210> 76

<211> 324

<212> ADN

<213> Secuencia artificial

<220>

<223> Región variable de cadena liviana hSC27.108v1

<400> 76

gaaatcgtgc tgactcagtc tcccgatttc cagtccgtca cacccaagga gaaagtcacc 60

atcacttggt ctgtctcctc aagcatctct tctagtaacc tgcactggta tcagcagaag 120

cctgatcagt cccctaagct ttggatatac ggcacctcaa acctcgcctc cggagttcct 180

tcaaggtttt caggtagtgg atctggaacc gatttcaccc ttacaataaa cagtcttgag 240

gccgaggacg ccgccactta ctactgccag cagtggagtt cttaccccca cacatttggg 300

ggcggcacca aagtggagat caaa 324

<210> 77

<211> 108

<212> PRT

<213> Secuencia artificial

<220>

<223> Región variable de cadena liviana hSC27.108v1

<400> 77

Glu Ile Val Leu Thr Gln Ser Pro Asp Phe Gln Ser Val Thr Pro Lys

LISTA DE SECUENCIAS

1	5	10	15
Glu Lys Val Thr Ile Thr Cys Ser Val Ser Ser Ser Ile Ser Ser Ser	20	25	30
Asn Leu His Trp Tyr Gln Gln Lys Pro Asp Gln Ser Pro Lys Leu Trp	35	40	45
Ile Tyr Gly Thr Ser Asn Leu Ala Ser Gly Val Pro Ser Arg Phe Ser	50	55	60
Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Asn Ser Leu Glu	65	70	75
Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp Ser Ser Tyr Pro	85	90	95
His Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys	100	105	

<210> 78
 <211> 366
 <212> ADN
 <213> Secuencia artificial

<220>
 <223> Región variable de cadena pesada hSC27.22-VH1-8

<400> 78	
caggtgcagc tgggtgcagtc tggcgccgaa gtgaagaaac ctggcgccctc cgtgaagggtg	60
tccttgcaagg cctccgggcta cacctttacc agctactgga tgaactgggt gcgacaggct	120
accggccagg gcctggaatg gatgggcatg atccaccctt ccgactccga gatccggctg	180
aaccagaaat tcaaggacag agtgaccatg acccggaaca cctccatctc caccgcctac	240
atggaactgt cctccctgcg gagcgaggac accgccgtgt actactgcg cggatcgac	300
tcctactacg gctacctgtt ctacttcgac tactggggcc agggcaccac cgtgaccgtg	360
tcattct	366

<210> 79
 <211> 122
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Región variable de cadena pesada hSC27.22-VH1-8

<400> 79	
Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala	15
1	5
	10

LISTA DE SECUENCIAS

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Thr Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Met Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser
115 120

<210> 80
<211> 366
<212> ADN
<213> Secuencia artificial

<220>
<223> Región variable de cadena pesada hSC27.22-VH1-46

<400> 80
caggtgcagc tgggtgcagtc tggcgccgaa gtgaagaaac ctggcgccctc cgtgaagggtg 60
tcctgcaagg cctccgggcta cacctttacc agctactgga tgaactgggt gcgacaggcc 120
cctggacagg gcctggaatg gatgggcatg atccaccct ccgactccga gatccggctg 180
aaccagaaat tcaaggaccg cgtgaccatg accagagaca cctccaccag caccgtgtac 240
atggaactgt cctccctgcg gagcgaggac accgccgtgt actactgcmc ccggatcgac 300
tcctactacg gctacctgtt ctacttcgac tactggggcc agggcaccac cgtgaccgtg 360
tcattct 366

<210> 81
<211> 122
<212> PRT
<213> Secuencia artificial

<220>
<223> Región variable de cadena pesada hSC27.22-VH1-46

<400> 81

LISTA DE SECUENCIAS

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser
115 120

<210> 82
<211> 366
<212> ADN
<213> Secuencia artificial

<220>
<223> Región variable de cadena pesada hSC27.22-VH1-69

<400> 82	
caggtgcagc tgggtgcagtc tggcgccgaa gtgaagaaac ccggctcctc cgtgaagggtg	60
tcctgcaagg cttccggcgg caccttctcc agctactgga tgaactgggt gcgacaggcc	120
cctggacagg gcctggaatg gatgggcatg atccaccct ccgactccga gatccggctg	180
aaccagaaat tcaaggacag agtgaccatc accgccgacg agtccacctc caccgcctac	240
atggaactgt cctccctgcg gagcgaggac accgccgtgt actactgcg cggatcgac	300
tcctactacg gctacctgtt ctacttcgac tactggggcc agggcaccac cgtgaccgtg	360
tcatct	366

<210> 83
<211> 122
<212> PRT
<213> Secuencia artificial

<220>

LISTA DE SECUENCIAS

<223> Región variable de cadena pesada hSC27.22-VH1-69

<400> 83

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ser
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Gly Thr Phe Ser Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Ile Thr Ala Asp Glu Ser Thr Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser
115 120

<210> 84

<211> 336

<212> ADN

<213> Secuencia artificial

<220>

<223> Región variable de cadena pesada hSC27.204v1

<400> 84

gaagtgcagc tgctggaatc tggcggcgga ctggtgcagc ctggcggatc tctgagactg 60

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cctggcaagg gcctggaatg ggtgtccgag atcaaccccg actcctccac catcaagtac 180

acccccagcc tgaaggcccg gttcaccatc tctcgggaca actccaagaa caccctgtac 240

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<210> 85

<211> 112

<212> PRT

<213> Secuencia artificial

LISTA DE SECUENCIAS

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Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Lys Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

<210> 86

<211> 336

<212> ADN

<213> Secuencia artificial

<220>

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cctggcaagg gcctggaatg ggtgtccgag atcaaccccg actcctccac catccagtac 180

acccccagcc tgaaggcccg gttcaccatc tctcgggaca actccaagaa caccctgtac 240

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<210> 87

<211> 112

<212> PRT

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<220>

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LISTA DE SECUENCIAS

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Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Gln Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

<210> 88

<211> 336

<212> ADN

<213> Secuencia artificial

<220>

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<400> 88

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tcttgtgccg cctccggctt caccttctcc cggtactgga tgtcctgggt gcgacaggct 120

cctggcaagg gcctggaatg ggtgtccgag atcaaccccg actcctccac catcaactac 180

aaccccagcc tgaaggcccg gttcaccatc tctcgggaca actccaagaa caccctgtac 240

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tattggggcc agggcaccct cgtgaccgtg tcctct 336

<210> 89

<211> 112

<212> PRT

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<400> 89

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Trp	Met	Ser 35	Trp	Val	Arg	Gln	Ala 40	Pro	Gly	Lys	Gly	Leu 45	Glu	Trp	Val
Ser	Glu 50	Ile	Asn	Pro	Asp	Ser 55	Ser	Thr	Ile	Asn	Tyr 60	Asn	Pro	Ser	Leu
Lys 65	Ala	Arg	Phe	Thr	Ile 70	Ser	Arg	Asp	Asn	Ser 75	Lys	Asn	Thr	Leu	Tyr 80
Leu	Gln	Met	Asn	Ser 85	Leu	Arg	Ala	Glu	Asp 90	Thr	Ala	Val	Tyr	Tyr 95	Cys
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<211> 336
<212> ADN
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<220>
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cctggcaagg	gcctggaatg	ggtgtccgag	atcaaccccg	actcctccac	catcaactac		180
acccccagcc	tgaaggcccg	gttcaccatc	tctcgggaca	actccaagaa	caccctgtac		240
ctgcagatga	actccctgcg	ggccgaggac	accgccgtgt	actactgtac	cggccctgct		300
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<210>	91
<211>	112
<212>	PRT
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<220>
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<400> 91

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

LISTA DE SECUENCIAS

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

<210> 92
<211> 336
<212> ADN
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<220>
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cctggcaagg gcctggaatg ggtgtccgag atcaaccccg actcctccac catcaagtac 180
acccccagcc tgaaggcccg gttcaccatc tctcgggaca actccaagaa caccctgtac 240
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<210> 93
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<220>
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<400> 93
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
20 25 30

LISTA DE SECUENCIAS

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Lys Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

<210> 94
<211> 336
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<220>
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cctggcaagg gcctggaatg ggtgtccgag atcaaccccg actcctccac catccagtac	180
acccccagcc tgaaggcccg gttcaccatc tctcgggaca actccaagaa caccctgtac	240
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<212> PRT
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<220>
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<400> 95

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

LISTA DE SECUENCIAS

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Gln Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

<210> 96
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cctggcaagg gcctggaatg ggtgtccgag atcaaccccg actcctccac catcaactac 180
aaccccagcc tgaaggcccg gttcaccatc tctcgggaca actccaagaa caccctgtac 240
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tattggggcc agggcaccct cgtgaccgtg tcctct 336

<210> 97
<211> 112
<212> PRT
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<220>
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<400> 97

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Asn Pro Ser Leu
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LISTA DE SECUENCIAS
60

50

55

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

<210> 98
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cctggcaagg gcctggaatg ggtgtccgag atcaaccccg actcctccac catcaactac 180
acccccagcc tgaaggcccg gttcaccatc tctcgggaca actccaagaa caccctgtac 240
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tattggggcc agggcaccct cgtgaccgtg tcctct 336

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<211> 112
<212> PRT
<213> Secuencia artificial

<220>
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<400> 99

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Thr Pro Ser Leu
50 55 60

LISTA DE SECUENCIAS

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

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cctggcaagg gcctggaatg ggtgtccgag atcaaccccg actcctccac catcaagtac 180
acccccagcc tgaaggcccg gttcaccatc tctcgggaca actccaagaa caccctgtac 240
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tattggggcc agggcaccct cgtgaccgtg tcctct 336

<210> 101
<211> 112
<212> PRT
<213> Secuencia artificial

<220>
<223> Región variable de cadena pesada hSC27.204v9

<400> 101

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Lys Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

LISTA DE SECUENCIAS

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

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<211> 336
<212> ADN
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cctggcaagg gcctggaatg ggtgtccgag atcaaccccc actcctccac catccagtac 180
acccccagcc tgaaggcccc gttcaccatc tctcgggaca actccaagaa caccctgtac 240
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<211> 112
<212> PRT
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<220>
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<400> 103

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Gln Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

LISTA DE SECUENCIAS

Ala Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

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<211> 336
<212> ADN
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<220>
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cctggcaagg gcctggaatg ggtgtccgag atcaaccccg actcctccac catcaactac 180
aaccccagcc tgaaggcccg gttcaccatc tctcgggaca actccaagaa caccctgtac 240
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<210> 105
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<212> PRT
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<220>
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<400> 105

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Asn Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
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<210> 106
 <211> 336
 <212> ADN
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<220>
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 <212> PRT
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<220>
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<400> 107

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15
 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
 20 25 30
 Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45
 Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Thr Pro Ser Leu
 50 55 60
 Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65 70 75 80
 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95
 Ala Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
 100 105 110

LISTA DE SECUENCIAS

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 cctggcaagg gcctggaatg ggtgtccgag atcaaccccg actcctccac catcaagtac 180
 acccccagcc tgaaggcccg gttcaccatc tctcgggaca actccaagaa caccctgtac 240
 ctgcagatga actccctgcg ggccgaggac accgccgtgt actactgtgc cggccctgct 300
 tattggggcc agggcacctt cgtgaccgtg tcctct 336

<210> 109
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 <212> PRT
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<220>
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<400> 109

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
 20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Lys Tyr Thr Pro Ser Leu
 50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
 100 105 110

<210> 110
 <211> 336
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LISTA DE SECUENCIAS

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<220>

<223> Región variable de cadena pesada hSC27.204v14

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cctggcaagg gcctggaatg ggtgtccgag atcaaccccg actcctccac catccagtac	180
acccccagcc tgaaggcccg gttcaccatc tctcgggaca actccaagaa caccctgtac	240
ctgcagatga actccctgcg ggccgaggac accgccgtgt actactgtgc cggccctgct	300
tattggggcc agggcacctt cgtgaccgtg tcctct	336

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<212> PRT

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<400> 111

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly	1 5 10 15
Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr	20 25 30
Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val	35 40 45
Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Gln Tyr Thr Pro Ser Leu	50 55 60
Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr	65 70 75 80
Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys	85 90 95
Ala Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser	100 105 110

<210> 112

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<212> ADN

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LISTA DE SECUENCIAS

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 aaccccagcc tgaaggcccg gttcaccatc tctcggggaca actccaagaa caccctgtac 240
 ctgcagatga actccctgcg ggccgaggac accgccgtgt actactgtgc cggccctgct 300
 tattggggcc agggcaccct cgtgaccgtg tcctct 336

<210> 113
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<220>
 <223> Región variable de cadena pesada hSC27.204v15

<400> 113

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
 20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Asn Pro Ser Leu
 50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
 100 105 110

<210> 114
 <211> 214
 <212> PRT
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<220>
 <223> Cadena liviana hSC27.1

<400> 114

LISTA DE SECUENCIAS

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Val Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Lys Ala Ser Glu Asp Ile Tyr Asn Arg
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Gly Ala Thr Ser Leu Glu Thr Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Tyr Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Trp Ser Thr Pro Leu
85 90 95

Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg Thr Val Ala Ala
100 105 110

Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly
115 120 125

Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu Ala
130 135 140

Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln
145 150 155 160

Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu Ser
165 170 175

Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val Tyr
180 185 190

Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser
195 200 205

Phe Asn Arg Gly Glu Cys
210

<210> 115

<211> 448

<212> PRT

<213> Secuencia artificial

<220>

LISTA DE SECUENCIAS

<223> Cadena pesada hSC27.1

<400> 115

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Glu Tyr
20 25 30

Thr Leu His Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
35 40 45

Gly Gly Ile Asn Pro Asn Asn Gly Asp Thr Ile Tyr Asn Gln Lys Phe
50 55 60

Lys Gly Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Arg Ala Ile Thr Val Tyr Ala Met Asp Tyr Trp Gly Gln Gly
100 105 110

Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe
115 120 125

Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu
130 135 140

Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp
145 150 155 160

Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu
165 170 175

Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser
180 185 190

Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro
195 200 205

Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Ser Asp Lys
210 215 220

Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro
225 230 235 240

LISTA DE SECUENCIAS

Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser
245 250 255

Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu Asp
260 265 270

Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn
275 280 285

Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val
290 295 300

Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu
305 310 315 320

Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys
325 330 335

Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr
340 345 350

Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr
355 360 365

Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu
370 375 380

Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu
385 390 395 400

Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys
405 410 415

Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu
420 425 430

Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440 445

<210> 116
<211> 218
<212> PRT
<213> Secuencia artificial

<220>
<223> Cadena liviana hSC27.22

<400> 116

LISTA DE SECUENCIAS

Asp Ile Val Met Thr Gln Ser Pro Asp Ser Leu Ala Val Ser Leu Gly
1 5 10 15

Glu Arg Ala Thr Ile Asn Cys Arg Ala Ser Gln Thr Val Ser Thr Ser
20 25 30

Ser Tyr Ser Tyr Met His Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro
35 40 45

Lys Leu Leu Ile Tyr Phe Ala Ser Asn Val Glu Ser Gly Val Pro Asp
50 55 60

Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser
65 70 75 80

Ser Leu Gln Ala Glu Asp Val Ala Val Tyr Tyr Cys Gln His Ser Trp
85 90 95

Glu Ile Pro Trp Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
100 105 110

Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln
115 120 125

Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr
130 135 140

Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser
145 150 155 160

Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr
165 170 175

Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys
180 185 190

His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro
195 200 205

Val Thr Lys Ser Phe Asn Arg Gly Glu Cys
210 215

<210> 117
<211> 451
<212> PRT
<213> Secuencia artificial

<220>
<223> Cadena pesada hSC27.22

LISTA DE SECUENCIAS

<400> 117

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
115 120 125

Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr
130 135 140

Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr
145 150 155 160

Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro
165 170 175

Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr
180 185 190

Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn
195 200 205

His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser
210 215 220

Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu
225 230 235 240

LISTA DE SECUENCIAS

Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu
245 250 255

Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser
260 265 270

His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu
275 280 285

Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr
290 295 300

Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn
305 310 315 320

Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro
325 330 335

Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln
340 345 350

Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val
355 360 365

Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val
370 375 380

Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro
385 390 395 400

Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr
405 410 415

Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val
420 425 430

Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu
435 440 445

Ser Pro Gly
450

<210> 118
<211> 215
<212> PRT
<213> Secuencia artificial

<220>
<223> Cadena liviana hSC27.108

LISTA DE SECUENCIAS

<400> 118

Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Leu Ser Pro Gly
1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Ser Val Ser Ser Ser Ile Ser Ser Ser
20 25 30

Asn Leu His Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
35 40 45

Ile Tyr Gly Thr Ser Asn Leu Ala Ser Gly Ile Pro Ala Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu
65 70 75 80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Trp Ser Ser Tyr Pro
85 90 95

His Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg Thr Val Ala
100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
115 120 125

Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu
130 135 140

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val
180 185 190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
195 200 205

Ser Phe Asn Arg Gly Glu Cys
210 215

<210> 119

<211> 455

<212> PRT

<213> Secuencia artificial

LISTA DE SECUENCIAS

<220>

<223> Cadena pesada hsc27.108

<400> 119

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asn Tyr
20 25 30

Leu Ile Glu Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Leu Ile Asn Pro Gly Ser Gly Gly Thr Asn Tyr Asn Glu Lys Phe
50 55 60

Lys Gly Arg Val Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Arg Ser Pro Leu Gly Ser Trp Ile Tyr Tyr Ala Tyr Asp Gly
100 105 110

Val Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala Ser
115 120 125

Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr
130 135 140

Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro
145 150 155 160

Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val
165 170 175

His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser
180 185 190

Ser Val Val Thr Val Pro Ser Ser Leu Gly Thr Gln Thr Tyr Ile
195 200 205

Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val
210 215 220

Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala
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LISTA DE SECUENCIAS

225		230		235		240
Pro	Glu	Leu	Leu	Gly 245	Gly	Pro
					Pro	Ser
					Val	Phe
					Leu	250
					Phe	Pro
					Pro	Lys
					Pro	255
Lys	Asp	Thr	Leu	Met	Ile	Ser
			260			Arg
					Thr	265
					Pro	Glu
					Val	Thr
					Cys	270
					Val	Val
Val	Asp	Val	Ser	His	Glu	Asp
		275				Pro
					280	Glu
					Val	Lys
					Phe	Asn
					285	Trp
					Tyr	Val
Asp	Gly	Val	Glu	Val	His	Asn
	290				295	Ala
					Lys	Thr
					Lys	Pro
					300	Arg
					Glu	Glu
					Gln	
Tyr	Asn	Ser	Thr	Tyr	Arg	Val
				310	Val	Ser
					Val	Val
					Leu	Thr
					315	Val
					Leu	His
						320
Asp	Trp	Leu	Asn	Gly	Lys	Glu
			325		Tyr	Lys
					Cys	330
					Lys	Val
					Ser	Asn
					Lys	335
					Ala	
Leu	Pro	Ala	Pro	Ile	Glu	Lys
			340		Thr	Ile
					345	Ser
					Lys	Ala
					Lys	Gly
					350	Gln
					Pro	
Arg	Glu	Pro	Gln	Val	Tyr	Thr
		355			Leu	Pro
					360	Pro
					Ser	Arg
					Asp	365
					Glu	Leu
					Thr	
Lys	Asn	Gln	Val	Ser	Leu	Thr
	370				375	Cys
					Leu	Val
					Lys	Gly
					380	Phe
					Tyr	Pro
					Ser	
Asp	Ile	Ala	Val	Glu	Trp	Glu
				390	Ser	Asn
					Gly	Gln
					395	Pro
					Glu	Asn
					Asn	Tyr
						400
Lys	Thr	Thr	Pro	Pro	Val	Leu
				405	Asp	Ser
					410	Gly
					Ser	Phe
					Phe	Leu
						415
Ser	Lys	Leu	Thr	Val	Asp	Lys
			420			Ser
					Arg	Trp
					425	Gln
					Gln	Gly
					Asn	430
					Val	Phe
Ser	Cys	Ser	Val	Met	His	Glu
		435				Ala
					440	Leu
					His	Asn
					His	Tyr
						445
					Thr	Gln
					Lys	
Ser	Leu	Ser	Leu	Ser	Pro	Gly
	450					455

<210> 120
 <211> 214
 <212> PRT
 <213> Secuencia artificial

LISTA DE SECUENCIAS

<220>

<223> Cadena liviana hsc27.204

<400> 120

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Lys Ala Gly Gln Asn Val Gly Thr Ser
20 25 30

Val Ala Trp Phe Gln Gln Lys Pro Gly Lys Ala Pro Lys Ser Leu Ile
35 40 45

Tyr Ser Ala Ser Tyr Arg Tyr Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Ile Thr Tyr Pro Tyr
85 90 95

Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg Thr Val Ala Ala
100 105 110

Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly
115 120 125

Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu Ala
130 135 140

Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln
145 150 155 160

Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu Ser
165 170 175

Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val Tyr
180 185 190

Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser
195 200 205

Phe Asn Arg Gly Glu Cys
210

<210> 121

LISTA DE SECUENCIAS

<211> 441
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Cadena pesada hsc27.204

<400> 121

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
 20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Thr Pro Ser Leu
 50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
 100 105 110

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
 115 120 125

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
 130 135 140

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
 145 150 155 160

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
 165 170 175

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
 180 185 190

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
 195 200 205

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
 210 215 220

LISTA DE SECUENCIAS

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
225 230 235 240

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
245 250 255

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
260 265 270

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
275 280 285

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
290 295 300

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
305 310 315 320

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
325 330 335

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
340 345 350

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
355 360 365

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
370 375 380

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
385 390 395 400

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
405 410 415

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
420 425 430

Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440

<210> 122

<211> 451

<212> PRT

<213> Secuencia artificial

LISTA DE SECUENCIAS

<220>

<223> Cadena pesada hSC27.22ss1

<400> 122

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
115 120 125

Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr
130 135 140

Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr
145 150 155 160

Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro
165 170 175

Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr
180 185 190

Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn
195 200 205

His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser
210 215 220

Ser Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu
225 230 235 240

LISTA DE SECUENCIAS

Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu
245 250 255

Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser
260 265 270

His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu
275 280 285

Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr
290 295 300

Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn
305 310 315 320

Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro
325 330 335

Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln
340 345 350

Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val
355 360 365

Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val
370 375 380

Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro
385 390 395 400

Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr
405 410 415

Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val
420 425 430

Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu
435 440 445

Ser Pro Gly
450

<210> 123
<211> 451
<212> PRT
<213> Secuencia artificial

LISTA DE SECUENCIAS

<220>

<223> Cadena pesada hSC27.22-VH1-8

<400> 123

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Thr Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Met Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
115 120 125

Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr
130 135 140

Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr
145 150 155 160

Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro
165 170 175

Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr
180 185 190

Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn
195 200 205

His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser
210 215 220

Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu
225 230 235 240

LISTA DE SECUENCIAS

Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu
245 250 255

Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser
260 265 270

His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu
275 280 285

Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr
290 295 300

Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn
305 310 315 320

Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro
325 330 335

Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln
340 345 350

Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val
355 360 365

Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val
370 375 380

Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro
385 390 395 400

Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr
405 410 415

Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val
420 425 430

Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu
435 440 445

Ser Pro Gly
450

<210> 124
<211> 451
<212> PRT
<213> Secuencia artificial

LISTA DE SECUENCIAS

<220>

<223> Cadena pesada hSC27.22-VH1-46

<400> 124

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
115 120 125

Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr
130 135 140

Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr
145 150 155 160

Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro
165 170 175

Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr
180 185 190

Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn
195 200 205

His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser
210 215 220

Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu
225 230 235 240

LISTA DE SECUENCIAS

Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu
245 250 255

Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser
260 265 270

His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu
275 280 285

Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr
290 295 300

Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn
305 310 315 320

Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro
325 330 335

Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln
340 345 350

Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val
355 360 365

Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val
370 375 380

Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro
385 390 395 400

Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr
405 410 415

Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val
420 425 430

Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu
435 440 445

Ser Pro Gly
450

<210> 125
<211> 451
<212> PRT
<213> Secuencia artificial

LISTA DE SECUENCIAS

<220>

<223> Cadena pesada hSC27.22-VH1-69

<400> 125

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ser
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Gly Thr Phe Ser Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Ile Thr Ala Asp Glu Ser Thr Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
115 120 125

Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr
130 135 140

Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr
145 150 155 160

Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro
165 170 175

Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr
180 185 190

Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn
195 200 205

His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser
210 215 220

Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu
225 230 235 240

LISTA DE SECUENCIAS

Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu
245 250 255

Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser
260 265 270

His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu
275 280 285

Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr
290 295 300

Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn
305 310 315 320

Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro
325 330 335

Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln
340 345 350

Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val
355 360 365

Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val
370 375 380

Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro
385 390 395 400

Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr
405 410 415

Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val
420 425 430

Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu
435 440 445

Ser Pro Gly
450

<210> 126
<211> 447
<212> PRT
<213> Secuencia artificial

LISTA DE SECUENCIAS

<220>

<223> Cadena pesada hSC27.22 IgG2

<400> 126

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
115 120 125

Ser Val Phe Pro Leu Ala Pro Cys Ser Arg Ser Thr Ser Glu Ser Thr
130 135 140

Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr
145 150 155 160

Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro
165 170 175

Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr
180 185 190

Val Pro Ser Ser Asn Phe Gly Thr Gln Thr Tyr Thr Cys Asn Val Asp
195 200 205

His Lys Pro Ser Asn Thr Lys Val Asp Lys Thr Val Glu Arg Lys Cys
210 215 220

Cys Val Glu Cys Pro Pro Cys Pro Ala Pro Pro Val Ala Gly Pro Ser
225 230 235 240

LISTA DE SECUENCIAS

Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg
245 250 255

Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro
260 265 270

Glu Val Gln Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala
275 280 285

Lys Thr Lys Pro Arg Glu Glu Gln Phe Asn Ser Thr Phe Arg Val Val
290 295 300

Ser Val Leu Thr Val Val His Gln Asp Trp Leu Asn Gly Lys Glu Tyr
305 310 315 320

Lys Cys Lys Val Ser Asn Lys Gly Leu Pro Ala Pro Ile Glu Lys Thr
325 330 335

Ile Ser Lys Thr Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu
340 345 350

Pro Pro Ser Arg Glu Glu Met Thr Lys Asn Gln Val Ser Leu Thr Cys
355 360 365

Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser
370 375 380

Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Met Leu Asp
385 390 395 400

Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser
405 410 415

Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala
420 425 430

Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440 445

<210> 127
<211> 448
<212> PRT
<213> Secuencia artificial

<220>
<223> Cadena pesada hSC27.22 IgG4 R409K

<400> 127

LISTA DE SECUENCIAS

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
115 120 125

Ser Val Phe Pro Leu Ala Pro Cys Ser Arg Ser Thr Ser Glu Ser Thr
130 135 140

Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr
145 150 155 160

Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro
165 170 175

Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr
180 185 190

Val Pro Ser Ser Ser Leu Gly Thr Lys Thr Tyr Thr Cys Asn Val Asp
195 200 205

His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg Val Glu Ser Lys Tyr
210 215 220

Gly Pro Pro Cys Pro Ser Cys Pro Ala Pro Glu Phe Leu Gly Gly Pro
225 230 235 240

Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser
245 250 255

LISTA DE SECUENCIAS

Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser Gln Glu Asp
260 265 270

Pro Glu Val Gln Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn
275 280 285

Ala Lys Thr Lys Pro Arg Glu Glu Gln Phe Asn Ser Thr Tyr Arg Val
290 295 300

Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu
305 310 315 320

Tyr Lys Cys Lys Val Ser Asn Lys Gly Leu Pro Ser Ser Ile Glu Lys
325 330 335

Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr
340 345 350

Leu Pro Pro Ser Gln Glu Glu Met Thr Lys Asn Gln Val Ser Leu Thr
355 360 365

Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu
370 375 380

Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu
385 390 395 400

Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys
405 410 415

Ser Arg Trp Gln Glu Gly Asn Val Phe Ser Cys Ser Val Met His Glu
420 425 430

Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Leu Gly
435 440 445

<210> 128

<211> 448

<212> PRT

<213> Secuencia artificial

<220>

<223> Cadena pesada hSC27.22 IgG4 S228P

<400> 128

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

LISTA DE SECUENCIAS

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
115 120 125

Ser Val Phe Pro Leu Ala Pro Cys Ser Arg Ser Thr Ser Glu Ser Thr
130 135 140

Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr
145 150 155 160

Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro
165 170 175

Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr
180 185 190

Val Pro Ser Ser Ser Leu Gly Thr Lys Thr Tyr Thr Cys Asn Val Asp
195 200 205

His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg Val Glu Ser Lys Tyr
210 215 220

Gly Pro Pro Cys Pro Pro Cys Pro Ala Pro Glu Phe Leu Gly Gly Pro
225 230 235 240

Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser
245 250 255

Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser Gln Glu Asp
260 265 270

LISTA DE SECUENCIAS

Pro Glu Val Gln Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn
275 280 285

Ala Lys Thr Lys Pro Arg Glu Glu Gln Phe Asn Ser Thr Tyr Arg Val
290 295 300

Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu
305 310 315 320

Tyr Lys Cys Lys Val Ser Asn Lys Gly Leu Pro Ser Ser Ile Glu Lys
325 330 335

Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr
340 345 350

Leu Pro Pro Ser Gln Glu Glu Met Thr Lys Asn Gln Val Ser Leu Thr
355 360 365

Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu
370 375 380

Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu
385 390 395 400

Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Arg Leu Thr Val Asp Lys
405 410 415

Ser Arg Trp Gln Glu Gly Asn Val Phe Ser Cys Ser Val Met His Glu
420 425 430

Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Leu Gly
435 440 445

<210> 129

<211> 448

<212> PRT

<213> Secuencia artificial

<220>

<223> Cadena pesada hSC27.22 IgG4 S228P K370E R409K

<400> 129

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

LISTA DE SECUENCIAS

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
115 120 125

Ser Val Phe Pro Leu Ala Pro Cys Ser Arg Ser Thr Ser Glu Ser Thr
130 135 140

Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr
145 150 155 160

Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro
165 170 175

Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr
180 185 190

Val Pro Ser Ser Ser Leu Gly Thr Lys Thr Tyr Thr Cys Asn Val Asp
195 200 205

His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg Val Glu Ser Lys Tyr
210 215 220

Gly Pro Pro Cys Pro Pro Cys Pro Ala Pro Glu Phe Leu Gly Gly Pro
225 230 235 240

Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser
245 250 255

Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser Gln Glu Asp
260 265 270

Pro Glu Val Gln Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn
275 280 285

LISTA DE SECUENCIAS

Ala Lys Thr Lys Pro Arg Glu Glu Gln Phe Asn Ser Thr Tyr Arg Val
290 295 300

Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu
305 310 315 320

Tyr Lys Cys Lys Val Ser Asn Lys Gly Leu Pro Ser Ser Ile Glu Lys
325 330 335

Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr
340 345 350

Leu Pro Pro Ser Gln Glu Glu Met Thr Lys Asn Gln Val Ser Leu Thr
355 360 365

Cys Leu Val Glu Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu
370 375 380

Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu
385 390 395 400

Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys
405 410 415

Ser Arg Trp Gln Glu Gly Asn Val Phe Ser Cys Ser Val Met His Glu
420 425 430

Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Leu Gly
435 440 445

<210> 130

<211> 448

<212> PRT

<213> Secuencia artificial

<220>

<223> Cadena pesada hSC27.22 IgG4 K370E

<400> 130

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
35 40 45

LISTA DE SECUENCIAS

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
115 120 125

Ser Val Phe Pro Leu Ala Pro Cys Ser Arg Ser Thr Ser Glu Ser Thr
130 135 140

Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr
145 150 155 160

Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro
165 170 175

Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr
180 185 190

Val Pro Ser Ser Ser Leu Gly Thr Lys Thr Tyr Thr Cys Asn Val Asp
195 200 205

His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg Val Glu Ser Lys Tyr
210 215 220

Gly Pro Pro Cys Pro Ser Cys Pro Ala Pro Glu Phe Leu Gly Gly Pro
225 230 235 240

Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser
245 250 255

Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser Gln Glu Asp
260 265 270

Pro Glu Val Gln Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn
275 280 285

Ala Lys Thr Lys Pro Arg Glu Glu Gln Phe Asn Ser Thr Tyr Arg Val
290 295 300

LISTA DE SECUENCIAS

Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu
305 310 315 320

Tyr Lys Cys Lys Val Ser Asn Lys Gly Leu Pro Ser Ser Ile Glu Lys
325 330 335

Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr
340 345 350

Leu Pro Pro Ser Gln Glu Glu Met Thr Lys Asn Gln Val Ser Leu Thr
355 360 365

Cys Leu Val Glu Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu
370 375 380

Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu
385 390 395 400

Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Arg Leu Thr Val Asp Lys
405 410 415

Ser Arg Trp Gln Glu Gly Asn Val Phe Ser Cys Ser Val Met His Glu
420 425 430

Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Leu Gly
435 440 445

<210> 131
<211> 448
<212> PRT
<213> Secuencia artificial

<220>
<223> Cadena pesada hSC27.22 IgG4 S228P K370E

<400> 131

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

LISTA DE SECUENCIAS

Lys Asp Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
115 120 125

Ser Val Phe Pro Leu Ala Pro Cys Ser Arg Ser Thr Ser Glu Ser Thr
130 135 140

Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr
145 150 155 160

Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro
165 170 175

Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr
180 185 190

Val Pro Ser Ser Ser Leu Gly Thr Lys Thr Tyr Thr Cys Asn Val Asp
195 200 205

His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg Val Glu Ser Lys Tyr
210 215 220

Gly Pro Pro Cys Pro Pro Cys Pro Ala Pro Glu Phe Leu Gly Gly Pro
225 230 235 240

Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser
245 250 255

Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser Gln Glu Asp
260 265 270

Pro Glu Val Gln Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn
275 280 285

Ala Lys Thr Lys Pro Arg Glu Glu Gln Phe Asn Ser Thr Tyr Arg Val
290 295 300

Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu
305 310 315 320

LISTA DE SECUENCIAS

Tyr Lys Cys Lys Val Ser Asn Lys Gly Leu Pro Ser Ser Ile Glu Lys
325 330 335

Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr
340 345 350

Leu Pro Pro Ser Gln Glu Glu Met Thr Lys Asn Gln Val Ser Leu Thr
355 360 365

Cys Leu Val Glu Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu
370 375 380

Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu
385 390 395 400

Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Arg Leu Thr Val Asp Lys
405 410 415

Ser Arg Trp Gln Glu Gly Asn Val Phe Ser Cys Ser Val Met His Glu
420 425 430

Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Leu Gly
435 440 445

<210> 132

<211> 448

<212> PRT

<213> Secuencia artificial

<220>

<223> Cadena pesada hSC27.22 IgG4 C127S S228P

<400> 132

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

LISTA DE SECUENCIAS

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
115 120 125

Ser Val Phe Pro Leu Ala Pro Ser Ser Arg Ser Thr Ser Glu Ser Thr
130 135 140

Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr
145 150 155 160

Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro
165 170 175

Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr
180 185 190

Val Pro Ser Ser Ser Leu Gly Thr Lys Thr Tyr Thr Cys Asn Val Asp
195 200 205

His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg Val Glu Ser Lys Tyr
210 215 220

Gly Pro Pro Cys Pro Pro Cys Pro Ala Pro Glu Phe Leu Gly Gly Pro
225 230 235 240

Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser
245 250 255

Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser Gln Glu Asp
260 265 270

Pro Glu Val Gln Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn
275 280 285

Ala Lys Thr Lys Pro Arg Glu Glu Gln Phe Asn Ser Thr Tyr Arg Val
290 295 300

Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu
305 310 315 320

Tyr Lys Cys Lys Val Ser Asn Lys Gly Leu Pro Ser Ser Ile Glu Lys
325 330 335

LISTA DE SECUENCIAS

Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr
340 345 350

Leu Pro Pro Ser Gln Glu Glu Met Thr Lys Asn Gln Val Ser Leu Thr
355 360 365

Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu
370 375 380

Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu
385 390 395 400

Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Arg Leu Thr Val Asp Lys
405 410 415

Ser Arg Trp Gln Glu Gly Asn Val Phe Ser Cys Ser Val Met His Glu
420 425 430

Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Leu Gly
435 440 445

<210> 133
<211> 448
<212> PRT
<213> Secuencia artificial

<220>
<223> Cadena pesada hSC27.22 IgG4 C127S K370E

<400> 133

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

LISTA DE SECUENCIAS

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
115 120 125

Ser Val Phe Pro Leu Ala Pro Ser Ser Arg Ser Thr Ser Glu Ser Thr
130 135 140

Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr
145 150 155 160

Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro
165 170 175

Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr
180 185 190

Val Pro Ser Ser Ser Leu Gly Thr Lys Thr Tyr Thr Cys Asn Val Asp
195 200 205

His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg Val Glu Ser Lys Tyr
210 215 220

Gly Pro Pro Cys Pro Ser Cys Pro Ala Pro Glu Phe Leu Gly Gly Pro
225 230 235 240

Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser
245 250 255

Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser Gln Glu Asp
260 265 270

Pro Glu Val Gln Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn
275 280 285

Ala Lys Thr Lys Pro Arg Glu Glu Gln Phe Asn Ser Thr Tyr Arg Val
290 295 300

Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu
305 310 315 320

Tyr Lys Cys Lys Val Ser Asn Lys Gly Leu Pro Ser Ser Ile Glu Lys
325 330 335

Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr
340 345 350

LISTA DE SECUENCIAS

Leu Pro Pro Ser Gln Glu Glu Met Thr Lys Asn Gln Val Ser Leu Thr
355 360 365

Cys Leu Val Glu Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu
370 375 380

Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu
385 390 395 400

Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Arg Leu Thr Val Asp Lys
405 410 415

Ser Arg Trp Gln Glu Gly Asn Val Phe Ser Cys Ser Val Met His Glu
420 425 430

Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Leu Gly
435 440 445

<210> 134

<211> 448

<212> PRT

<213> Secuencia artificial

<220>

<223> Cadena pesada hSC27.22 IgG4 C127S S228P K370E

<400> 134

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
35 40 45

Gly Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe
50 55 60

Lys Asp Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr Trp
100 105 110

LISTA DE SECUENCIAS

Gly Gln Gly Thr Thr Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
 115 120 125
 Ser Val Phe Pro Leu Ala Pro Ser Ser Arg Ser Thr Ser Glu Ser Thr
 130 135 140
 Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr
 145 150 155 160
 Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro
 165 170 175
 Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr
 180 185 190
 Val Pro Ser Ser Ser Leu Gly Thr Lys Thr Tyr Thr Cys Asn Val Asp
 195 200 205
 His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg Val Glu Ser Lys Tyr
 210 215 220
 Gly Pro Pro Cys Pro Pro Cys Pro Ala Pro Glu Phe Leu Gly Gly Pro
 225 230 235 240
 Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser
 245 250 255
 Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser Gln Glu Asp
 260 265 270
 Pro Glu Val Gln Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn
 275 280 285
 Ala Lys Thr Lys Pro Arg Glu Glu Gln Phe Asn Ser Thr Tyr Arg Val
 290 295 300
 Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu
 305 310 315 320
 Tyr Lys Cys Lys Val Ser Asn Lys Gly Leu Pro Ser Ser Ile Glu Lys
 325 330 335
 Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr
 340 345 350
 Leu Pro Pro Ser Gln Glu Glu Met Thr Lys Asn Gln Val Ser Leu Thr
 355 360 365

LISTA DE SECUENCIAS

Cys Leu Val Glu Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu
370 375 380

Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu
385 390 395 400

Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Arg Leu Thr Val Asp Lys
405 410 415

Ser Arg Trp Gln Glu Gly Asn Val Phe Ser Cys Ser Val Met His Glu
420 425 430

Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Leu Gly
435 440 445

<210> 135
<211> 215
<212> PRT
<213> Secuencia artificial

<220>
<223> Cadena pesada hSC27.108v1

<400> 135

Glu Ile Val Leu Thr Gln Ser Pro Asp Phe Gln Ser Val Thr Pro Lys
1 5 10 15

Glu Lys Val Thr Ile Thr Cys Ser Val Ser Ser Ser Ile Ser Ser Ser
20 25 30

Asn Leu His Trp Tyr Gln Gln Lys Pro Asp Gln Ser Pro Lys Leu Trp
35 40 45

Ile Tyr Gly Thr Ser Asn Leu Ala Ser Gly Val Pro Ser Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Asn Ser Leu Glu
65 70 75 80

Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp Ser Ser Tyr Pro
85 90 95

His Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg Thr Val Ala
100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
115 120 125

LISTA DE SECUENCIAS

Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu
130 135 140

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val
180 185 190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
195 200 205

Ser Phe Asn Arg Gly Glu Cys
210 215

<210> 136
<211> 441
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<220>
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<400> 136

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Lys Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

LISTA DE SECUENCIAS

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
115 120 125

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
130 135 140

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
145 150 155 160

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
165 170 175

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
180 185 190

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
195 200 205

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
210 215 220

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
225 230 235 240

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
245 250 255

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
260 265 270

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
275 280 285

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
290 295 300

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
305 310 315 320

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
325 330 335

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
340 345 350

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
355 360 365

LISTA DE SECUENCIAS

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
370 375 380

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
385 390 395 400

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
405 410 415

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
420 425 430

Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440

<210> 137
<211> 441
<212> PRT
<213> Secuencia artificial

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<223> Cadena pesada hSC27.204v2

<400> 137

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Gln Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
115 120 125

LISTA DE SECUENCIAS

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
130 135 140

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
145 150 155 160

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
165 170 175

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
180 185 190

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
195 200 205

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
210 215 220

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
225 230 235 240

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
245 250 255

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
260 265 270

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
275 280 285

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
290 295 300

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
305 310 315 320

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
325 330 335

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
340 345 350

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
355 360 365

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
370 375 380

LISTA DE SECUENCIAS

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
385 390 395 400

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
405 410 415

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
420 425 430

Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440

<210> 138
<211> 441
<212> PRT
<213> Secuencia artificial

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<223> Cadena pesada hSC27.204v3

<400> 138

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Asn Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
115 120 125

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
130 135 140

LISTA DE SECUENCIAS

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
145 150 155 160

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
165 170 175

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
180 185 190

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
195 200 205

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
210 215 220

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
225 230 235 240

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
245 250 255

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
260 265 270

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
275 280 285

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
290 295 300

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
305 310 315 320

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
325 330 335

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
340 345 350

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
355 360 365

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
370 375 380

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
385 390 395 400

LISTA DE SECUENCIAS

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
405 410 415

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
420 425 430

Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440

<210> 139
<211> 441
<212> PRT
<213> Secuencia artificial

<220>
<223> Cadena pesada hSC27.204v4

<400> 139

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
115 120 125

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
130 135 140

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
145 150 155 160

LISTA DE SECUENCIAS

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
165 170 175

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
180 185 190

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
195 200 205

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
210 215 220

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
225 230 235 240

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
245 250 255

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
260 265 270

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
275 280 285

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
290 295 300

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
305 310 315 320

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
325 330 335

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
340 345 350

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
355 360 365

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
370 375 380

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
385 390 395 400

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
405 410 415

LISTA DE SECUENCIAS

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
420 425 430

Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440

<210> 140

<211> 441

<212> PRT

<213> Secuencia artificial

<220>

<223> Cadena pesada hSC27.204v5

<400> 140

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Lys Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
115 120 125

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
130 135 140

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
145 150 155 160

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
165 170 175

LISTA DE SECUENCIAS

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
 180 185 190
 Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
 195 200 205
 Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
 210 215 220
 Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
 225 230 235 240
 Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
 245 250 255
 Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
 260 265 270
 Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
 275 280 285
 Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
 290 295 300
 His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
 305 310 315 320
 Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
 325 330 335
 Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
 340 345 350
 Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
 355 360 365
 Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
 370 375 380
 Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
 385 390 395 400
 Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
 405 410 415
 Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
 420 425 430

LISTA DE SECUENCIAS

Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440

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<213> Secuencia artificial

<220>
<223> Cadena pesada hsc27.204v6

<400> 141

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Gln Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
115 120 125

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
130 135 140

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
145 150 155 160

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
165 170 175

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
180 185 190

LISTA DE SECUENCIAS

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
 195 200 205
 Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
 210 215 220
 Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
 225 230 235 240
 Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
 245 250 255
 Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
 260 265 270
 Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
 275 280 285
 Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
 290 295 300
 His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
 305 310 315 320
 Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
 325 330 335
 Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
 340 345 350
 Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
 355 360 365
 Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
 370 375 380
 Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
 385 390 395 400
 Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
 405 410 415
 Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
 420 425 430
 Gln Lys Ser Leu Ser Leu Ser Pro Gly
 435 440

LISTA DE SECUENCIAS

<210> 142
 <211> 441
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Cadena pesada hSC27.204v7

<400> 142

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
 20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Asn Pro Ser Leu
 50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Thr Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
 100 105 110

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
 115 120 125

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
 130 135 140

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
 145 150 155 160

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
 165 170 175

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
 180 185 190

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
 195 200 205

LISTA DE SECUENCIAS

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
210 215 220

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
225 230 235 240

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
245 250 255

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
260 265 270

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
275 280 285

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
290 295 300

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
305 310 315 320

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
325 330 335

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
340 345 350

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
355 360 365

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
370 375 380

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
385 390 395 400

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
405 410 415

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
420 425 430

Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440

<210> 143
<211> 441
<212> PRT

LISTA DE SECUENCIAS

<213> Secuencia artificial

<220>

<223> Cadena pesada hSC27.204v8

<400> 143

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
115 120 125

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
130 135 140

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
145 150 155 160

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
165 170 175

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
180 185 190

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
195 200 205

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
210 215 220

LISTA DE SECUENCIAS

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
225 230 235 240

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
245 250 255

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
260 265 270

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
275 280 285

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
290 295 300

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
305 310 315 320

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
325 330 335

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
340 345 350

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
355 360 365

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
370 375 380

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
385 390 395 400

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
405 410 415

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
420 425 430

Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440

<210> 144
<211> 441
<212> PRT
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<220>
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LISTA DE SECUENCIAS

<400> 144

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Lys Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
115 120 125

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
130 135 140

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
145 150 155 160

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
165 170 175

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
180 185 190

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
195 200 205

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
210 215 220

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
225 230 235 240

LISTA DE SECUENCIAS

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
245 250 255

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
260 265 270

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
275 280 285

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
290 295 300

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
305 310 315 320

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
325 330 335

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
340 345 350

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
355 360 365

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
370 375 380

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
385 390 395 400

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
405 410 415

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
420 425 430

Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440

<210> 145

<211> 441

<212> PRT

<213> Secuencia artificial

<220>

<223> Cadena pesada hsc27.204v10

<400> 145

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly

LISTA DE SECUENCIAS
10

1	5	10	15
Ser Leu Arg	Leu 20	Ser Cys Ala Ala	Ser 25 Gly Phe Thr Phe Ser 30 Arg Tyr
Trp Met	Ser 35 Trp Val Arg Gln	Ala 40 Pro Gly Lys Gly	Leu 45 Glu Trp Val
Ser 50	Glu Ile Asn Pro Asp	Ser 55 Ser Thr Ile Gln	Tyr 60 Thr Pro Ser Leu
Lys 65	Ala Arg Phe Thr	Ile 70 Ser Arg Asp Asn	Ser 75 Lys Asn Thr Leu Tyr 80
Leu Gln Met Asn	Ser 85 Leu Arg Ala Glu	Asp 90 Thr Ala Val Tyr	Tyr 95 Cys
Ala Gly Pro	Ala 100 Tyr Trp Gly Gln	Gly 105 Thr Leu Val Thr	Val 110 Ser Ser
Ala Ser	Thr 115 Lys Gly Pro Ser	Val 120 Phe Pro Leu Ala	Pro 125 Ser Ser Lys
Ser 130	Thr Ser Gly Gly Thr	Ala 135 Ala Leu Gly Cys	Leu 140 Val Lys Asp Tyr
Phe 145	Pro Glu Pro Val	Thr 150 Val Ser Trp Asn	Ser 155 Gly Ala Leu Thr Ser 160
Gly Val His Thr	Phe 165 Pro Ala Val	Leu 170 Gln Ser Ser Gly	Leu Tyr 175 Ser
Leu Ser Ser	Val 180 Val Thr Val Pro	Ser 185 Ser Ser Leu Gly	Thr 190 Gln Thr
Tyr Ile	Cys 195 Asn Val Asn His	Lys 200 Pro Ser Asn Thr	Lys 205 Val Asp Lys
Lys 210	Val Glu Pro Lys Ser	Cys 215 Asp Lys Thr His	Thr 220 Cys Pro Pro Cys
Pro 225	Ala Pro Glu Leu	Leu 230 Gly Gly Pro Ser	Val 235 Phe Leu Phe Pro 240
Lys Pro Lys Asp	Thr 245 Leu Met Ile Ser	Arg 250 Thr Pro Glu Val	Thr 255 Cys

LISTA DE SECUENCIAS

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
260 265 270

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
275 280 285

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
290 295 300

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
305 310 315 320

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
325 330 335

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
340 345 350

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
355 360 365

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
370 375 380

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
385 390 395 400

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
405 410 415

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
420 425 430

Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440

<210> 146
<211> 441
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<220>
<223> Cadena pesada hSC27.204v11

<400> 146

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
Página 119

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45
 Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Asn Pro Ser Leu
 50 55 60
 Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65 70 75 80
 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95
 Ala Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
 100 105 110
 Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
 115 120 125
 Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
 130 135 140
 Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
 145 150 155 160
 Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
 165 170 175
 Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
 180 185 190
 Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
 195 200 205
 Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
 210 215 220
 Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
 225 230 235 240
 Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
 245 250 255
 Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
 260 265 270

LISTA DE SECUENCIAS

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
275 280 285

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
290 295 300

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
305 310 315 320

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
325 330 335

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
340 345 350

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
355 360 365

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
370 375 380

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
385 390 395 400

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
405 410 415

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
420 425 430

Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440

<210> 147

<211> 441

<212> PRT

<213> Secuencia artificial

<220>

<223> Cadena pesada hSC27.204v12

<400> 147

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val

LISTA DE SECUENCIAS

35

40

45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
115 120 125

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
130 135 140

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
145 150 155 160

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
165 170 175

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
180 185 190

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
195 200 205

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
210 215 220

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
225 230 235 240

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
245 250 255

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
260 265 270

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
275 280 285

LISTA DE SECUENCIAS

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
290 295 300

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
305 310 315 320

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
325 330 335

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
340 345 350

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
355 360 365

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
370 375 380

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
385 390 395 400

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
405 410 415

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
420 425 430

Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440

<210> 148
<211> 441
<212> PRT
<213> Secuencia artificial

<220>
<223> Cadena pesada hSC27.204v13

<400> 148

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Lys Tyr Thr Pro Ser Leu
Página 123

LISTA DE SECUENCIAS
60

50

55

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
115 120 125

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
130 135 140

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
145 150 155 160

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
165 170 175

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
180 185 190

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
195 200 205

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
210 215 220

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
225 230 235 240

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
245 250 255

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
260 265 270

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
275 280 285

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
290 295 300

LISTA DE SECUENCIAS

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
305 310 315 320

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
325 330 335

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
340 345 350

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
355 360 365

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
370 375 380

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
385 390 395 400

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
405 410 415

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
420 425 430

Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440

<210> 149
<211> 441
<212> PRT
<213> Secuencia artificial

<220>
<223> Cadena pesada hSC27.204v14
<400> 149

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Gln Tyr Thr Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
Página 125

65	LISTA DE SECUENCIAS										80
	70	75									
Leu Gln Met Asn Ser 85	Leu Arg Ala Glu Asp 90	Thr Ala Val Tyr Tyr Cys 95									
Ala Gly Pro Ala 100	Tyr Trp Gly Gln Gly 105	Thr Leu Val Thr Val 110									
Ala Ser Thr 115	Lys Gly Pro Ser Val 120	Phe Pro Leu Ala Pro 125									
Ser Thr 130	Ser Gly Gly Thr Ala 135	Ala Leu Gly Cys Leu 140									
Phe Pro Glu Pro Val 145	Thr Val Ser Trp Asn Ser 155	Gly Ala Leu Thr Ser 160									
Gly Val His Thr 165	Phe Pro Ala Val Leu Gln 170	Ser Ser Gly Leu Tyr Ser 175									
Leu Ser Ser Val 180	Val Thr Val Pro Ser 185	Ser Ser Leu Gly Thr Gln Thr 190									
Tyr Ile Cys 195	Asn Val Asn His Lys 200	Pro Ser Asn Thr Lys 205									
Lys Val 210	Glu Pro Lys Ser Cys 215	Asp Lys Thr His Thr 220									
Pro Ala Pro Glu Leu 225	Leu Gly Gly Pro Ser Val 235	Phe Leu Phe Pro Pro 240									
Lys Pro Lys Asp Thr 245	Leu Met Ile Ser Arg 250	Thr Pro Glu Val Thr Cys 255									
Val Val Val 260	Asp Val Ser His Glu Asp 265	Pro Glu Val Lys Phe Asn Trp 270									
Tyr Val Asp 275	Gly Val Glu Val His 280	Asn Ala Lys Thr Lys 285									
Glu Gln Tyr Asn Ser Thr 295	Tyr Arg Val Val Ser Val 300	Leu Thr Val Leu									
His 305	Gln Asp Trp Leu Asn 310	Gly Lys Glu Tyr Lys 315									
		Cys Lys Val Ser Asn 320									

LISTA DE SECUENCIAS

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
325 330 335

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
340 345 350

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
355 360 365

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
370 375 380

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
385 390 395 400

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
405 410 415

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
420 425 430

Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440

<210> 150

<211> 441

<212> PRT

<213> Secuencia artificial

<220>

<223> Cadena pesada hSC27.204v15

<400> 150

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Asn Pro Ser Leu
50 55 60

Lys Ala Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys

LISTA DE SECUENCIAS
90

85

95

Ala Gly Pro Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
115 120 125

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
130 135 140

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
145 150 155 160

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
165 170 175

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
180 185 190

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
195 200 205

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
210 215 220

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
225 230 235 240

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
245 250 255

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
260 265 270

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
275 280 285

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
290 295 300

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
305 310 315 320

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
325 330 335

LISTA DE SECUENCIAS

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
340 345 350

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
355 360 365

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
370 375 380

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
385 390 395 400

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
405 410 415

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
420 425 430

Gln Lys Ser Leu Ser Leu Ser Pro Gly
435 440

<210> 151
<211> 11
<212> PRT
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<220>
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<400> 151

Lys Ala Ser Glu Asp Ile Tyr Asn Arg Leu Ala
1 5 10

<210> 152
<211> 7
<212> PRT
<213> Secuencia artificial

<220>
<223> hSC27.1 CDRL2
<400> 152

Gly Ala Thr Ser Leu Glu Thr
1 5

<210> 153
<211> 9
<212> PRT
<213> Secuencia artificial

<220>
<223> hSC27.1 CDRL3

LISTA DE SECUENCIAS

<400> 153

Gln Gln Tyr Trp Ser Thr Pro Leu Thr
1 5

<210> 154

<211> 5

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<213> Secuencia artificial

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<223> hSC27.1 CDRH1

<400> 154

Glu Tyr Thr Leu His
1 5

<210> 155

<211> 17

<212> PRT

<213> Secuencia artificial

<220>

<223> hSC27.1 CDRH2

<400> 155

Gly Ile Asn Pro Asn Asn Gly Asp Thr Ile Tyr Asn Gln Lys Phe Lys
1 5 10 15

Gly

<210> 156

<211> 10

<212> PRT

<213> Secuencia artificial

<220>

<223> hSC27.1 CDRH3

<400> 156

Arg Ala Ile Thr Val Tyr Ala Met Asp Tyr
1 5 10

<210> 157

<211> 15

<212> PRT

<213> Secuencia artificial

<220>

<223> hSC27.22 CDRL1

<400> 157

LISTA DE SECUENCIAS

Arg Ala Ser Gln Thr Val Ser Thr Ser Ser Tyr Ser Tyr Met His
 1 5 10 15

<210> 158
 <211> 7
 <212> PRT
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<220>
 <223> hSC27.22 CDRL2

<400> 158

Phe Ala Ser Asn Val Glu Ser
 1 5

<210> 159
 <211> 9
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> hSC27.22 CDRL3

<400> 159

Gln His Ser Trp Glu Ile Pro Trp Thr
 1 5

<210> 160
 <211> 5
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> hSC27.22 CDRH1

<400> 160

Ser Tyr Trp Met Asn
 1 5

<210> 161
 <211> 17
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> hSC27.22 CDRH2

<400> 161

Met Ile His Pro Ser Asp Ser Glu Ile Arg Leu Asn Gln Lys Phe Lys
 1 5 10 15

Asp

LISTA DE SECUENCIAS

<210> 162
 <211> 13
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> hSC27.22 CDRH3

<400> 162

Ile Asp Ser Tyr Tyr Gly Tyr Leu Phe Tyr Phe Asp Tyr
 1 5 10

<210> 163
 <211> 12
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> hSC27.108 CDRL1

<400> 163

Ser Val Ser Ser Ser Ile Ser Ser Ser Asn Leu His
 1 5 10

<210> 164
 <211> 7
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> hSC27.108 CDRL2

<400> 164

Gly Thr Ser Asn Leu Ala Ser
 1 5

<210> 165
 <211> 9
 <212> PRT
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<220>
 <223> hSC27.108 CDRL3

<400> 165

Gln Gln Trp Ser Ser Tyr Pro His Thr
 1 5

<210> 166
 <211> 5
 <212> PRT
 <213> Secuencia artificial

<220>

LISTA DE SECUENCIAS

<223> hSC27.108 CDRH1

<400> 166

Asn Tyr Leu Ile Glu
1 5

<210> 167

<211> 17

<212> PRT

<213> Secuencia artificial

<220>

<223> hSC27.108 CDRH2

<400> 167

Leu Ile Asn Pro Gly Ser Gly Gly Thr Asn Tyr Asn Glu Lys Phe Lys
1 5 10 15

Gly

<210> 168

<211> 17

<212> PRT

<213> Secuencia artificial

<220>

<223> hSC27.108 CDRH3

<400> 168

Arg Ser Pro Leu Gly Ser Trp Ile Tyr Tyr Ala Tyr Asp Gly Val Ala
1 5 10 15

Tyr

<210> 169

<211> 11

<212> PRT

<213> Secuencia artificial

<220>

<223> hSC27.204 CDRL1

<400> 169

Lys Ala Gly Gln Asn Val Gly Thr Ser Val Ala
1 5 10

<210> 170

<211> 7

<212> PRT

<213> Secuencia artificial

LISTA DE SECUENCIAS

<220>
<223> hSC27.204 CDRL2

<400> 170

Ser Ala Ser Tyr Arg Tyr Ser
1 5

<210> 171
<211> 9
<212> PRT
<213> Secuencia artificial

<220>
<223> hSC27.204 CDRL3

<400> 171

Gln Gln Tyr Ile Thr Tyr Pro Tyr Thr
1 5

<210> 172
<211> 5
<212> PRT
<213> Secuencia artificial

<220>
<223> hSC27.204 CDRH1

<400> 172

Arg Tyr Trp Met Ser
1 5

<210> 173
<211> 17
<212> PRT
<213> Secuencia artificial

<220>
<223> hSC27.204 CDRH2

<400> 173

Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Thr Pro Ser Leu Lys
1 5 10 15

Ala

<210> 174
<211> 3
<212> PRT
<213> Secuencia artificial

<220>
<223> hSC27.204 CDRH3

LISTA DE SECUENCIAS

<400> 174

Pro Ala Tyr
1

<210> 175

<211> 17

<212> PRT

<213> Secuencia artificial

<220>

<223> hSC27.204v1, hSC27.204v5 y hSC27.405v13 CDRH2

<400> 175

Glu Ile Asn Pro Asp Ser Ser Thr Ile Lys Tyr Thr Pro Ser Leu Lys
1 5 10 15

Ala

<210> 176

<211> 17

<212> PRT

<213> Secuencia artificial

<220>

<223> hSC27.204v2, hSC27.204v6 y hSC27.405v14 CDRH2

<400> 176

Glu Ile Asn Pro Asp Ser Ser Thr Ile Gln Tyr Thr Pro Ser Leu Lys
1 5 10 15

Ala

<210> 177

<211> 17

<212> PRT

<213> Secuencia artificial

<220>

<223> hSC27.204v3, hSC27.204v7 y hSC27.405v15 CDRH2

<400> 177

Glu Ile Asn Pro Asp Ser Ser Thr Ile Asn Tyr Asn Pro Ser Leu Lys
1 5 10 15

Ala

<210> 178

<211> 366

<212> ADN

LISTA DE SECUENCIAS

<213> Secuencia artificial

<220>

<223> ADN HC de longitud completa hSC27.22ss1 optimizado con codón

<400> 178

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tcgtgcaaag cctccgggta caccttcacc tcatactgga tgaactgggt ccgccaagcc	120
ccgggacaga gactggagtg gatgggcatg attcacccat ccgattccga gatccggctg	180
aaccagaagt tcaaggaccg cgtgaccatc acccgggaca ccagcgccag cactgcctac	240
atggaattga gctcgtgctg gtccgaggat accgctgtgt actattgcgc gaggatcgac	300
tcctactacg gctacctttt ctacttcgac tactggggac aagggacgac cgtgactgtg	360
tcgagc	366