

LISTADO DE SECUENCIAS

<110> SUTRO BIOPHARMA, INC.

<120> CONJUGADO DE ANTICUERPO ANTI-BCMA, COMPOSICIONES QUE LO
COMPRENDEN, Y MÉTODOS DE FABRICACIÓN Y USO DEL MISMO

<130> 14247-525-228

<140>

<141>

<150> US 62/843,226

<151> 2019-05-03

<160> 28

<170> PatentIn version 3.5

<210> 1

<211> 184

<212> PRT

<213> Homo sapiens

<220>

<223> BCMA Humana (Isoforma 1)

<400> 1

Met	Leu	Gln	Met	Ala	Gly	Gln	Cys	Ser	Gln	Asn	Glu	Tyr	Phe	Asp	Ser
1				5					10					15	

Leu	Leu	His	Ala	Cys	Ile	Pro	Cys	Gln	Leu	Arg	Cys	Ser	Ser	Asn	Thr
			20					25					30		

Pro	Pro	Leu	Thr	Cys	Gln	Arg	Tyr	Cys	Asn	Ala	Ser	Val	Thr	Asn	Ser
		35					40					45			

Val	Lys	Gly	Thr	Asn	Ala	Ile	Leu	Trp	Thr	Cys	Leu	Gly	Leu	Ser	Leu
	50					55					60				

Ile	Ile	Ser	Leu	Ala	Val	Phe	Val	Leu	Met	Phe	Leu	Leu	Arg	Lys	Ile
65					70					75				80	

Asn	Ser	Glu	Pro	Leu	Lys	Asp	Glu	Phe	Lys	Asn	Thr	Gly	Ser	Gly	Leu
				85					90					95	

Leu	Gly	Met	Ala	Asn	Ile	Asp	Leu	Glu	Lys	Ser	Arg	Thr	Gly	Asp	Glu
			100					105					110		

Ile Ile Leu Pro Arg Gly Leu Glu Tyr Thr Val Glu Glu Cys Thr Cys
115 120 125

Glu Asp Cys Ile Lys Ser Lys Pro Lys Val Asp Ser Asp His Cys Phe
130 135 140

Pro Leu Pro Ala Met Glu Glu Gly Ala Thr Ile Leu Val Thr Thr Lys
145 150 155 160

Thr Asn Asp Tyr Cys Lys Ser Leu Pro Ala Ala Leu Ser Ala Thr Glu
165 170 175

Ile Glu Lys Ser Ile Ser Ala Arg
180

<210> 2
<211> 135
<212> PRT
<213> Homo sapiens

<220>
<223> BCMA Humana (Isoforma 2)

<400> 2

Met Leu Gln Met Ala Gly Gln Cys Ser Gln Asn Glu Tyr Phe Asp Ser
1 5 10 15

Leu Leu His Ala Cys Ile Pro Cys Gln Leu Arg Cys Ser Ser Asn Thr
20 25 30

Pro Pro Leu Thr Cys Gln Arg Tyr Cys Asn Ala Arg Ser Gly Leu Leu
35 40 45

Gly Met Ala Asn Ile Asp Leu Glu Lys Ser Arg Thr Gly Asp Glu Ile
50 55 60

Ile Leu Pro Arg Gly Leu Glu Tyr Thr Val Glu Glu Cys Thr Cys Glu
65 70 75 80

Asp Cys Ile Lys Ser Lys Pro Lys Val Asp Ser Asp His Cys Phe Pro
85 90 95

Leu Pro Ala Met Glu Glu Gly Ala Thr Ile Leu Val Thr Thr Lys Thr
100 105 110

Asn Asp Tyr Cys Lys Ser Leu Pro Ala Ala Leu Ser Ala Thr Glu Ile
115 120 125

Glu Lys Ser Ile Ser Ala Arg
130 135

<210> 3
<211> 183
<212> PRT
<213> *Macaca fascicularis*

<220>
<223> BCMA de *Cynomolgus*

<400> 3

Met Leu Gln Met Ala Arg Gln Cys Ser Gln Asn Glu Tyr Phe Asp Ser
1 5 10 15

Leu Leu His Asp Cys Lys Pro Cys Gln Leu Arg Cys Ser Ser Thr Pro
20 25 30

Pro Leu Thr Cys Gln Arg Tyr Cys Asn Ala Ser Met Thr Asn Ser Val
35 40 45

Lys Gly Met Asn Ala Ile Leu Trp Thr Cys Leu Gly Leu Ser Leu Ile
50 55 60

Ile Ser Leu Ala Val Phe Val Leu Thr Phe Leu Leu Arg Lys Met Ser
65 70 75 80

Ser Glu Pro Leu Lys Asp Glu Phe Lys Asn Thr Gly Ser Gly Leu Leu
85 90 95

Gly Met Ala Asn Ile Asp Leu Glu Lys Gly Arg Thr Gly Asp Glu Ile
100 105 110

Val Leu Pro Arg Gly Leu Glu Tyr Thr Val Glu Glu Cys Thr Cys Glu
115 120 125

Asp Cys Ile Lys Asn Lys Pro Lys Val Asp Ser Asp His Cys Phe Pro
130 135 140

Leu Pro Ala Met Glu Glu Gly Ala Thr Ile Leu Val Thr Thr Lys Thr
145 150 155 160

Asn Asp Tyr Cys Asn Ser Leu Ser Ala Ala Leu Ser Val Thr Glu Ile
165 170 175

Glu Lys Ser Ile Ser Ala Arg
180

<210> 4
<211> 185
<212> PRT
<213> Mus musculus

<220>
<223> BCMA Murino

<400> 4

Met Ala Gln Gln Cys Phe His Ser Glu Tyr Phe Asp Ser Leu Leu His
1 5 10 15

Ala Cys Lys Pro Cys His Leu Arg Cys Ser Asn Pro Pro Ala Thr Cys
20 25 30

Gln Pro Tyr Cys Asp Pro Ser Val Thr Ser Ser Val Lys Gly Thr Tyr
35 40 45

Thr Val Leu Trp Ile Phe Leu Gly Leu Thr Leu Val Leu Ser Leu Ala
50 55 60

Leu Phe Thr Ile Ser Phe Leu Leu Arg Lys Met Asn Pro Glu Ala Leu
65 70 75 80

Lys Asp Glu Pro Gln Ser Pro Gly Gln Leu Asp Gly Ser Ala Gln Leu
85 90 95

Asp Lys Ala Asp Thr Glu Leu Thr Arg Ile Arg Ala Gly Asp Asp Arg
100 105 110

Ile Phe Pro Arg Ser Leu Glu Tyr Thr Val Glu Glu Cys Thr Cys Glu
115 120 125

Asp Cys Val Lys Ser Lys Pro Lys Gly Asp Ser Asp His Phe Phe Pro
130 135 140

Leu Pro Ala Met Glu Glu Gly Ala Thr Ile Leu Val Thr Thr Lys Thr
145 150 155 160

Gly Asp Tyr Gly Lys Ser Ser Val Pro Thr Ala Leu Gln Ser Val Met
165 170 175

Gly Met Glu Lys Pro Thr His Thr Arg
180 185

<210> 5
<211> 7
<212> PRT
<213> Secuencia Artificial

<220>
<223> 2265-F02, CDR-H1, Chothia

<400> 5

Gly Phe Asn Ile Ser Ala Pro
1 5

<210> 6
<211> 5
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<213> Secuencia Artificial

<220>
<223> 2265-F02, CDR-H1, Kabat

<400> 6

Ala Pro Gly Ile His
1 5

<210> 7
<211> 6
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<213> Secuencia Artificial

<220>
<223> 2265-F02, CDR-H2, Chothia

<400> 7

Asn Pro Ala Gly Gly Tyr
1 5

<210> 8
<211> 17
<212> PRT
<213> Secuencia Artificial

<220>
<223> 2265-F02, CDR-H2, Kabat

<400> 8

Phe Ile Asn Pro Ala Gly Gly Tyr Thr Asp Tyr Ala Asp Ser Val Lys
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Gly

<210> 9
<211> 13
<212> PRT
<213> Secuencia Artificial

<220>
<223> 2265-F02, CDR-H3

<400> 9

Asp Tyr Ile Arg Gln Tyr Trp Thr Tyr Val Leu Asp Tyr
1 5 10

<210> 10
<211> 11
<212> PRT
<213> Secuencia Artificial

<220>
<223> trastuzumab, CDR-L1

<400> 10

Arg Ala Ser Gln Asp Val Asn Thr Ala Val Ala
1 5 10

<210> 11
<211> 7
<212> PRT
<213> Secuencia Artificial

<220>
<223> trastuzumab, CDR-L2

<400> 11

Ser Ala Ser Phe Leu Tyr Ser
1 5

<210> 12
<211> 9
<212> PRT
<213> Secuencia Artificial

<220>
<223> trastuzumab, CDR-L3

<400> 12

Gln Gln His Tyr Thr Thr Pro Pro Thr
1 5

<210> 13
<211> 122
<212> PRT
<213> Secuencia Artificial

<220>
<223> 2265-F02, VH

<400> 13

Glu Val Gln Leu Val 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 Asn Ile Ser Ala Pro
20 25 30

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

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

Lys Gly Arg Phe Thr Ile Ser Ala Asp Thr Ser Lys Asn Thr Ala 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 Arg Asp Tyr Ile Arg Gln Tyr Trp Thr Tyr Val Leu Asp Tyr Trp
100 105 110

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

<210> 14
<211> 107
<212> PRT
<213> Secuencia Artificial

<220>
<223> trastuzumab, VL

<400> 14

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 Arg Ala Ser Gln Asp Val Asn Thr Ala
20 25 30

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

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

Ser Arg 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 His Tyr Thr Thr Pro Pro
85 90 95

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

<210> 15
<211> 452
<212> PRT
<213> Secuencia Artificial

<220>
<223> 2265-F02, Cadena Pesada

<400> 15

Glu Val Gln Leu Val 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 Asn Ile Ser Ala Pro
20 25 30

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

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

Lys Gly Arg Phe Thr Ile Ser Ala Asp Thr Ser Lys Asn Thr Ala 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 Arg Asp Tyr Ile Arg Gln Tyr Trp Thr Tyr Val Leu Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Leu 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

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 Glu Glu Met 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 Lys
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<210> 16
<211> 1356
<212> ADN
<213> Secuencia Artificial

<220>
<223> 2265-F02, Cadena Pesada

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tcatgcgcgg cttccgggtt caacatcagt ggcctggga tccattgggt gcgtcaggcc
120

ccaggcaagg gtctggagtg ggtcgggttt atcaatcctg ctggcgggta taccgactat
180

gcggactctg tgaagggtcg cttcaccatt agcgcggata cctcgaagaa tacggcgtat
240

ttacagatga attccctgcg tgcagaggac actgccgtct actattgtgc gcgcgattac
300

attcggcagt actggacctg cgttcttgac tactggggcc aggggtacgt ggtcacctg
360

tcgtcggcgt caaccaaggg tccgtcgggt tttccgctgg cgccgtcgtc aaaatctacg
420

tccggtggta ccgccgtct gggttgctg gttaaagact actttccgga gccggtcacg
480

gtttcgtgga actctggtgc cctgacttct ggcgtccaca cgttcccagc cgttttgcag
540

tcatccggtc tgtagtcgtt gtcctctgtg gtcacggtgc cgtcatcgtc tctgggcacc
600

caaacctata tctgcaatgt caaccacaaa ccgtccaata cgaaagttga caaaaaagtc
660

gagccgaaat cttgcgacaa gacccacacg tgccctccgt gcccggcacc ggaactgctg
720

ggcgggccgt cgggtgttctt gttcccgcgc aagccgaaag atactctgat gatctcacgt
780

accccgaag tcacgtgtgt tgttgttgac gtgtcacacg aagatccaga ggtgaaattc
840

aattggtatg tggacggtgt cgaagtgcac aatgccaaaa ccaaaccgcg cgaggaacag
900

tacaactcca cctaccgcgt cgtgtcgggtg ttgaccgtcc tgcatacaaga ctggctgaac
960

ggtaaagagt acaagtgcaa ggtttcaaatt aaggcactgc ctgcgccgat tgaaaagacc
1020

atctctaagg caaagggcca gccgcgtgag ccacaggtgt ataccctgcc gccgtcgcgt
1080

gaagaaatga ccaagaacca agtttcaactg acgtgtctgg tcaagggctt ttatccgtcc
1140

gatattgcgg tggagtgagg gtctaattggc cagccggaaa acaattacaa aacgactccg
1200

ccggtgctgg attccgacgg ttcgtagtgc ctgtattcca agctgaccgt tgacaaatca
1260

cgttggcagc aaggcaacgt tttttcttgt tcggtaatgc acgaagcgct gcacaaatcat
1320

tacaccaga aatcactgtc gttgtctccg ggcaaa
1356

<210> 17

<211> 214

<212> PRT

<213> Secuencia Artificial

<220>

<223> 2265-F02, Cadena Ligera

<400> 17

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 Arg Ala Ser Gln Asp Val Asn Thr Ala
20 25 30

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

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

Ser Arg 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 His Tyr Thr Thr Pro Pro
85 90 95

Thr Phe Gly Gln 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> 18
<211> 642
<212> ADN
<213> Secuencia Artificial

<220>
<223> 2265-F02, Cadena Ligera

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atcacgtgcc gtgcgtcgca agatgtgaac accgccgtgg cgtggatatca gcaaaaaccg
120

ggcaaagctc cgaagctgct gatctattca gcctctttcc tgtactcggg tgttccgtcc
180

cgtttctcag gctctcgctc gggtagcgat ttcaccctga ctatttcttc actgcaaccg
240

gaagattttg cgacgtacta ctgtcagcag cattacacga ctccgccgac ctttggtcag
300

ggtaccaagg tcgagattaa gcgtaccgtg gctgcaccat ccgtgtttat cttccctccg
360

tctgatgagc agctgaaatc cggtagggcg tcggtcgtct gcttgetgaa taacttctat
420

ccgcgtgaag cgaaggtgca atggaagggt gacaatgcc tgcagtcagg taactccaa
480

gagtctgtta ccgaacaaga ttcgaaagac tcaacctact ccctgtcttc gacgctgacg
540

ttgtccaaag cggactatga gaaacacaag gtttacgcat gtgaagtgac ccaccagggc
600

ctgtcatctc cggtcaccaa atcatttaat cgcggtgagt gc
642

<210> 19
<211> 330
<212> PRT
<213> Homo sapiens

<220>
<223> IgG1 Humana HC Constante

<400> 19

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 Cys 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

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 Glu Glu
225 230 235 240

Met 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 Lys
325 330

<210> 20
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> IgG Humana LC Constante Ckappa

<400> 20

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> 21
<211> 323
<212> PRT
<213> Mus musculus

<220>
<223> IgG1 HC Ratón Constante

<400> 21

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

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

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

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

Ser Ser Ser Val Thr Val Pro Ser Ser Thr Trp Pro Ser Glu Thr Val
65 70 75 80

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

Ile Val Pro Arg Asp Cys Gly Cys Lys Pro Cys Ile Cys Thr Val Pro
100 105 110

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

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

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

Val His Thr Ala Gln Thr Gln Pro Arg Glu Glu Gln Phe Asn Ser Thr
165 170 175

Phe Arg Ser Val Ser Glu Leu Pro Ile Met His Gln Asp Trp Leu Asn
180 185 190

Gly Lys Glu Phe Lys Cys Arg Val Asn Ser Ala Ala Phe Pro Ala Pro
195 200 205

Ile Glu Lys Thr Ile Ser Lys Thr Lys Gly Arg Pro Lys Ala Pro Gln
210 215 220

Val Tyr Thr Ile Pro Pro Pro Lys Glu Gln Met Ala Lys Asp Lys Val
225 230 235 240

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

Glu Trp Gln Trp Asn Gly Gln Pro Ala Glu Asn Tyr Lys Asn Thr Gln
260 265 270

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

Val Gln Lys Ser Asn Trp Glu Ala Gly Asn Thr Phe Thr Cys Ser Val
290 295 300

Leu His Glu Gly Leu His Asn His His Thr Glu Lys Ser Leu Ser His
305 310 315 320

Ser Pro Gly

<210> 22
<211> 107
<212> PRT
<213> Mus musculus

<220>
<223> IgG Ratón LC Constante Ckappa

<400> 22

Arg Ala Asp Ala Ala Pro Thr Val Ser Ile Phe Pro Pro Ser Ser Glu
1 5 10 15

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

Tyr Pro Lys Asp Ile Asn Val Lys Trp Lys Ile Asp Gly Ser Glu Arg
35 40 45

Gln Asn Gly Val Leu Asn Ser Trp Thr Asp Gln Asp Ser Lys Asp Ser
50 55 60

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

Arg His Asn Ser Tyr Thr Cys Glu Ala Thr His Lys Thr Ser Thr Ser
85 90 95

Pro Ile Val Lys Ser Phe Asn Arg Asn Glu Cys
100 105

<210> 23
<211> 108
<212> PRT
<213> Secuencia Artificial

<220>
<223> Kappa LC

<400> 23

His Met Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp
1 5 10 15

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

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

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

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

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

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

<210> 24
<211> 106
<212> PRT
<213> Secuencia Artificial

<220>
<223> Lambda LD

<400> 24

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

Glu Glu Leu Gln Ala Asn Lys Ala Thr Leu Val Cys Leu Ile Ser Asp
20 25 30

Phe Tyr Pro Gly Ala Val Thr Val Ala Trp Lys Ala Asp Ser Ser Pro
35 40 45

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

Lys Tyr Ala Ala Ser Ser Tyr Leu Ser Leu Thr Pro Glu Gln Trp Lys
65 70 75 80

Ser His Arg Ser Tyr Ser Cys Gln Val Thr His Glu Gly Ser Thr Val
85 90 95

Glu Lys Thr Val Ala Pro Thr Glu Cys Ser
100 105

<210> 25
<211> 20
<212> PRT
<213> Secuencia Artificial

<220>
<223> Etiqueta FlagHis

<400> 25

Gly Ser Gly Asp Tyr Lys Asp Asp Asp Asp Lys Gly Ser Gly His His
1 5 10 15

His His His His
20

<210> 26
<211> 15
<212> PRT
<213> Secuencia Artificial

<220>
<223> Enlazador

<400> 26

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
1 5 10 15

<210> 27
<211> 11
<212> PRT
<213> Secuencia Artificial

<220>
<223> Enlazador

<400> 27

Ala Ala Gly Ser Asp Gln Glu Pro Lys Ser Ser
1 5 10

<210> 28
<211> 30
<212> PRT
<213> Secuencia Artificial

<220>
<223> Enlazador

<220>
<221> MISC_FEATURE
<222> (16)..(30)
<223> "Gly Gly Gly Gly Ser" puede estar presente o no

<400> 28

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly
1 5 10 15

Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
20 25 30