

LISTADO DE SECUENCIAS

<110> SYNTHORX, INC.

<120> NOVEDOSOS CONJUGADOS DE IL-15 Y SUS USOS

<130> 01183-0074-00PCT

<150> US 62/890.741

<151> 2019-08-23

<150> US 62/931.663

<151> 2019-11-06

<150> US 62/958.177

<151> 2020-01-07

<160> 99

<170> PatentIn versión 3.5

<210> 1

<211> 114

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> IL-15 (forma madura)

<400> 1

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 2

<211> 136

<212> PRT

<213> Homo sapiens

<220>
 <221> misc_feature
 <223> IL-15 (precursor)

<400> 2

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

Val Ile Met Ser Arg Ala Asn Trp Val Asn Val Ile Ser Asp Leu Lys
 20 25 30

Lys Ile Glu Asp Leu Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr
 35 40 45

Thr Glu Ser Asp Val His Pro Ser Cys Lys Val Thr Ala Met Lys Cys
 50 55 60

Phe Leu Leu Glu Leu Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser
 65 70 75 80

Ile His Asp Thr Val Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu
 85 90 95

Ser Ser Asn Gly Asn Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu
 100 105 110

Leu Glu Glu Lys Asn Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile
 115 120 125

Val Gln Met Phe Ile Asn Thr Ser
 130 135

<210> 3
 <211> 115
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Met-IL-15 (forma madura con metionina N-terminal)

<400> 3

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val

50 55 60
 Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
 65 70 75 80
 Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
 85 90 95
 Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110
 Asn Thr Ser
 115
 <210> 4
 <211> 114
 <212> PRT
 <213> Secuencia artificial
 <220>
 <223> Sintética: IL-15_S18X
 <220>
 <221> misc_feature
 <222> (18)..(18)
 <223> Xaa es un aminoácido no natural
 <400> 4
 Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15
 Gln Xaa Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 20 25 30
 Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 35 40 45
 Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60
 Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 65 70 75 80
 Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95
 Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110
 Thr ser

<210> 5
 <211> 114

<212> PRT
 <213> Secuencia artificial
 <220>
 <223> Sintética: IL-15_L25X

<220>
 <221> misc_feature
 <222> (25)..(25)
 <223> Xaa es un aminoácido no natural
 <400> 5

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110

Thr Ser

<210> 6
 <211> 114
 <212> PRT
 <213> Secuencia artificial
 <220>
 <223> Sintética: IL-15_E46X

<220>
 <221> misc_feature
 <222> (46)..(46)
 <223> Xaa es un aminoácido no natural
 <400> 6

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Xaa Leu Gln
35 40 45
Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60
Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80
Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95
Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110
Thr Ser

<210> 7
<211> 114
<212> PRT
<213> Secuencia artificial
<220>
<223> Sintética: IL-15_E53X

<220>
<221> misc_feature
<222> (53)..(53)
<223> xaa es un aminoácido no natural
<400> 7

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

Thr Ser

<210> 8
 <211> 114
 <212> PRT
 <213> Secuencia artificial
 <220>
 <223> Sintética: IL-15_N77X

<220>
 <221> misc_feature
 <222> (77)..(77)
 <223> Xaa es un aminoácido no natural

<400> 8

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn Val
 65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110

Thr Ser

<210> 9
 <211> 114
 <212> PRT
 <213> Secuencia artificial
 <220>
 <223> Sintética: IL-15_S83X

<220>
 <221> misc_feature
 <222> (83)..(83)
 <223> Xaa es un aminoácido no natural

<400> 9

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile

[illegible]

```
<210> 10
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_S18[AzK]

<220>
<221> misc_feature
<222> (18)..(18)
<223> xaa es [AzK] = N6-((2-azidoetoxi)-carbonil)-L-lisina

<400> 10
```

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

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 11
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> sintética: IL-15_L25[AZK]

<220>
<221> misc_feature
<222> (25)..(25)
<223> Xaa es [AZK] = N6-((2-azidoetoxi)-carbonil)-L-lisina
<400> 11

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 12
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> sintética: IL-15_E46[AZK]

<220>
<221> misc_feature

<222> (46)..(46)

<223> Xaa es [AzK] = N6-((2-azidoetoxi)-carbonil)-L-lisina

<400> 12

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Xaa Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110

Thr Ser

<210> 13

<211> 114

<212> PRT

<213> Secuencia artificial

<220>

<223> sintética: IL-15_E53[AzK]

<220>

<221> misc_feature

<222> (53)..(53)

<223> Xaa es [AzK] = N6-((2-azidoetoxi)-carbonil)-L-lisina

<400> 13

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 35 40 45

Val Ile Ser Leu Xaa Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 14
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_N77[AZK]

<220>
<221> misc_feature
<222> (77)..(77)
<223> Xaa es [AZK] = N6-((2-azidoetoxi)-carbonil)-L-lisina
<400> 14

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 15
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
 <223> sintética: IL-15_S83[AzK]

<220>
 <221> misc_feature
 <222> (83)..(83)
 <223> Xaa es [AzK] = N6-((2-azidoetoxi)-carbonil)-L-lisina

<400> 15

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 65 70 75 80

Thr Glu Xaa Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110

Thr Ser

<210> 16
 <211> 114
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> sintética: IL-15_S18[AzK_PEG]

<220>
 <221> misc_feature
 <222> (18)..(18)
 <223> Xaa es [AzK_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 16

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Xaa Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln

35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 17
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_L25[AZK_PEG]

<220>
<221> misc_feature
<222> (25)..(25)
<223> Xaa es [AZK_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 17

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 18
 <211> 114
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> sintética: IL-15_E46[AZK_PEG]

<220>
 <221> misc_feature
 <222> (46)..(46)
 <223> Xaa es [AZK_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 18

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Xaa Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110

Thr ser

<210> 19
 <211> 114
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> sintética: IL-15_E53[AZK_PEG]

<220>
 <221> misc_feature
 <222> (53)..(53)
 <223> Xaa es [AZK_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 19

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Xaa Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 20
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_N77[AzK_PEG]

<220>
<221> misc_feature
<222> (77)..(77)
<223> Xaa es [AzK_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 20

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 21
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> sintética: IL-15_S83[AZK_PEG]

<220>
<221> misc_feature
<222> (83)..(83)
<223> Xaa es [AZK_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 21

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Xaa Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 22
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> sintética: IL-15_S18[AZK_PEG30]

<220>
 <221> misc_feature
 <222> (18)..(18)
 <223> Xaa es [AZK_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 22

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Xaa Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110

Thr Ser

<210> 23
 <211> 114
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Sintética: IL-15_L25[AZK_PEG30]

<220>
 <221> misc_feature
 <222> (25)..(25)
 <223> Xaa es [AZK_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 23

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 24
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_E46[AZK_PEG30]

<220>
<221> misc_feature
<222> (46)..(46)
<223> Xaa es [AZK_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 24

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Xaa Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

```

<210> 25
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_E53[AzK_PEG30]

<220>
<221> misc_feature
<222> (53)..(53)
<223> Xaa es [AzK_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
      establemente conjugada con PEG

<400> 25
Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1          5          10          15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
          20          25          30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
          35          40          45

Val Ile Ser Leu Xaa Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50          55          60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65          70          75          80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
          85          90          95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100         105         110

Thr ser

```

```

<210> 26
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_N77[AzK_PEG30]

<220>
<221> misc_feature
<222> (77)..(77)
<223> Xaa es [AzK_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
      establemente conjugada con PEG

<400> 26
Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1          5          10          15

```

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 27
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> sintética: IL-15_S83[AZK_PEG30]

<220>
<221> misc_feature
<222> (83)..(83)
<223> Xaa es [AZK_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 27

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Xaa Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 28
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_S18[AzK_PEG40]

<220>
<221> misc_feature
<222> (18)..(18)
<223> Xaa es [AzK_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 28

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Xaa Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 29
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_L25[AzK_PEG40]

<220>

<221> misc_feature
 <222> (25)..(25)
 <223> Xaa es [AzK_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 29

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110

Thr Ser

<210> 30
 <211> 114
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> sintética: IL-15_E46[AzK_PEG40]

<220>
 <221> misc_feature
 <222> (46)..(46)
 <223> Xaa es [AzK_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 30

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Xaa Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu

50	55	60
Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val		
65	70	75 80
Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile		
	85	90 95
Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn		
	100	105 110

Thr Ser

<210> 31
 <211> 114
 <212> PRT
 <213> Secuencia artificial
 <220>
 <223> Sintética: IL-15_E53[AzK_PEG40]
 <220>
 <221> misc_feature
 <222> (53)..(53)
 <223> Xaa es [AzK_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 31

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15
Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30
Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45
Val Ile Ser Leu Xaa Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80
Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95
Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 32

<211> 114
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Sintética: IL-15_N77[AzK_PEG40]

<220>
 <221> misc_feature
 <222> (77)..(77)
 <223> Xaa es [AzK_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina establemente conjugada con PEG

<400> 32

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn Val
 65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110

Thr Ser

<210> 33
 <211> 114
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Sintética: IL-15_S83[AzK_PEG40]

<220>
 <221> misc_feature
 <222> (83)..(83)
 <223> Xaa es [AzK_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina establemente conjugada con PEG

<400> 33

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Xaa Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 34

<211> 114

<212> PRT

<213> Secuencia artificial

<220>

<223> sintética: IL-15_S18[AzK_L1_PEG]

<220>

<221> misc_feature

<222> (18)..(18)

<223> Xaa es [AzK_L1_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 34

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Xaa Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 35
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_L25[AzK_ L1_PEG]

<220>
<221> misc_feature
<222> (25)..(25)
<223> Xaa es [AzK_L1_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 35

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 36
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> sintética: IL-15_E46[AzK_ L1_PEG]

<220>
<221> misc_feature
<222> (46)..(46)

<223> Xaa es [AzK_L1_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 36

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Xaa Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 37

<211> 114

<212> PRT

<213> Secuencia artificial

<220>

<223> sintética: IL-15_E53[AzK_ L1_PEG]

<220>

<221> misc_feature

<222> (53)..(53)

<223> Xaa es [AzK_L1_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 37

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Xaa Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 38
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_N77[AZK_ L1_PEG]

<220>
<221> misc_feature
<222> (77)..(77)
<223> Xaa es [AZK_L1_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 38

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 39
<211> 114
<212> PRT

<213> Secuencia artificial

<220>

<223> sintética: IL-15_S83[AZK_ L1_PEG]

<220>

<221> misc_feature

<222> (83)..(83)

<223> Xaa es [AZK_L1_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina establemente conjugada con PEG

<400> 39

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Xaa Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr ser

<210> 40

<211> 114

<212> PRT

<213> Secuencia artificial

<220>

<223> sintética: IL-15_S18[AZK_ L1_PEG30]

<220>

<221> misc_feature

<222> (18)..(18)

<223> Xaa es [AZK_L1_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina establemente conjugada con PEG

<400> 40

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Xaa Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110

Thr Ser

<210> 41
 <211> 114
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Sintética: IL-15_L25[AzK_ L1_PEG30]

<220>
 <221> misc_feature
 <222> (25)..(25)
 <223> Xaa es [AzK_L1_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 41

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110

Thr Ser

<210> 42
 <211> 114
 <212> PRT
 <213> Secuencia artificial

 <220>
 <223> sintética: IL-15_E46[AZK_ L1_PEG30]

 <220>
 <221> misc_feature
 <222> (46)..(46)
 <223> Xaa es [AZK_L1_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

 <400> 42

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Xaa Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110

Thr ser

<210> 43
 <211> 114
 <212> PRT
 <213> Secuencia artificial

 <220>
 <223> sintética: IL-15_E53[AZK_ L1_PEG30]

 <220>
 <221> misc_feature
 <222> (53)..(53)
 <223> Xaa es [AZK_L1_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 43

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Xaa Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 44

<211> 114

<212> PRT

<213> Secuencia artificial

<220>

<223> Sintética: IL-15_N77[AZK_ L1_PEG30]

<220>

<221> misc_feature

<222> (77)..(77)

<223> Xaa es [AZK_L1_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 44

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn Val

65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210>	45
<211>	114
<212>	PRT
<213>	Secuencia artificial

<220>
<223> Sintética: IL-15_S83[AzK_ L1_PEG30]

```
<220>
<221> misc_feature
<222> (83)..(83)
<223> Xaa es [AzK_L1_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG
```

<400> 45

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Xaa Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

```
<210> 46
<211> 114
<212> PRT
<213> Secuencia artificial
```

<220>
 <223> sintética: IL-15_S18[AzK_ L1_PEG40]

<220>
 <221> misc_feature
 <222> (18)..(18)
 <223> Xaa es [AzK_L1_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 46

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Xaa Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110

Thr Ser

<210> 47
 <211> 114
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> sintética: IL-15_L25[AzK_ L1_PEG40]

<220>
 <221> misc_feature
 <222> (25)..(25)
 <223> Xaa es [AzK_L1_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 47

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110

Thr Ser

<210> 48
 <211> 114
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> sintética: IL-15_E46[AzK_ L1_PEG40]

<220>
 <221> misc_feature
 <222> (46)..(46)
 <223> Xaa es [AzK_L1_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 48

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Xaa Leu Gln
 35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110

Thr Ser

<210> 49
 <211> 114
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Sintética: IL-15_E53[AzK_ L1_PEG40]

<220>
 <221> misc_feature
 <222> (53)..(53)
 <223> Xaa es [AzK_L1_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 49

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 35 40 45

Val Ile Ser Leu Xaa Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
 100 105 110

Thr Ser

<210> 50
 <211> 114
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Sintética: IL-15_N77[AzK_ L1_PEG40]

<220>
 <221> misc_feature
 <222> (77)..(77)
 <223> Xaa es [AzK_L1_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 50

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn Val
65 70 75 80

Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 51
<211> 114
<212> PRT
<213> Secuencia artificial

<220>
<223> sintética: IL-15_S83[AzK_ L1_PEG40]

<220>
<221> misc_feature
<222> (83)..(83)
<223> Xaa es [AzK_L1_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 51

Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
1 5 10 15

Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
20 25 30

Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
35 40 45

Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
50 55 60

Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
65 70 75 80

Thr Glu Xaa Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
85 90 95

Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
100 105 110

Thr Ser

<210> 52
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_S19X

<220>
<221> misc_feature
<222> (19)..(19)
<223> Xaa es un aminoácido no natural

<400> 52

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Xaa Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 53
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_L26X

<220>
 <221> misc_feature
 <222> (26)..(26)
 <223> Xaa es un aminoácido no natural
 <400> 53
 Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15
 Ile Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val
 20 25 30
 His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45
 Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60
 Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
 65 70 75 80
 Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
 85 90 95
 Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110
 Asn Thr Ser
 115

<210> 54
 <211> 115
 <212> PRT
 <213> Secuencia artificial
 <220>
 <223> sintética: IL-15_E47X

<220>
 <221> misc_feature
 <222> (47)..(47)
 <223> Xaa es un aminoácido no natural
 <400> 54
 Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15
 Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30
 His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Xaa Leu
 35 40 45
 Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val

50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210>	55
<211>	115
<212>	PRT
<213>	Secuencia artificial
<220>	
<223>	sintética: IL-15_E54X

```
<220>
<221> misc_feature
<222> (54)..(54)
<223> Xaa es un aminoácido no natural
```

<400> 55

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Xaa Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

$\langle 210 \rangle$	56
$\langle 211 \rangle$	115

<212> PRT
 <213> Secuencia artificial
 <220>
 <223> Sintética: IL-15_N78X

<220>
 <221> misc_feature
 <222> (78)..(78)
 <223> Xaa es un aminoácido no natural
 <400> 56

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn
 65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
 85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110

Asn Thr Ser
 115

<210> 57
 <211> 115
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Sintética: IL-15_S84X

<220>
 <221> misc_feature
 <222> (84)..(84)
 <223> Xaa es un aminoácido no natural
 <400> 57

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
 65 70 75 80

Val Thr Glu Xaa Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
 85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110

Asn Thr Ser
 115

<210> 58
 <211> 115
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> sintética: IL-15_S19[AzK]

<220>
 <221> misc_feature
 <222> (19)..(19)
 <223> Xaa es [AzK] = N6-((2-azidoetoxi)-carbonil)-L-lisina

<400> 58

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Xaa Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
 65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
 85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110

Asn Thr Ser
115

<210> 59
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> sintética: IL-15_L26[AzK]

<220>
<221> misc_feature
<222> (26)..(26)
<223> Xaa es [AzK] = N6-((2-azidoetoxi)-carbonil)-L-lisina

<400> 59

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 60
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> sintética: IL-15_E47[AzK]

<220>
<221> misc_feature
<222> (47)..(47)
<223> Xaa es [AzK] = N6-((2-azidoetoxi)-carbonil)-L-lisina

<400> 60

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu

[illegible]

```
<210> 61
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_E54[AzK]

<220>
<221> misc_feature
<222> (54)..(54)
<223> xaa es [AzK] = N6-((2-azidoetoxi)-carbonil)-L-lisina

<400> 61
```

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

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110

Asn Thr Ser
 115

<210> 62
 <211> 115
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> sintética: IL-15_N78[AZK]

<220>
 <221> misc_feature
 <222> (78)..(78)
 <223> Xaa es [AZK] = N6-((2-azidoetoxi)-carbonil)-L-lisina

<400> 62

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn
 65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
 85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110

Asn Thr Ser
 115

<210> 63
 <211> 115
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> sintética: IL-15_S84[AZK]

<220>
 <221> misc_feature

<222> (84)..(84)

<223> Xaa es [AzK] = N6-((2-azidoetoxi)-carbonil)-L-lisina

<400> 63

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
 65 70 75 80

Val Thr Glu Xaa Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
 85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110

Asn Thr Ser
 115

<210> 64

<211> 115

<212> PRT

<213> Secuencia artificial

<220>

<223> sintética: IL-15_S19[AzK_PEG]

<220>

<221> misc_feature

<222> (19)..(19)

<223> Xaa es [AzK_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 64

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Xaa Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 65
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_L26[AZK_PEG]

<220>
<221> misc_feature
<222> (26)..(26)
<223> Xaa es [AZK_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 65

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 66
<211> 115
<212> PRT

<213> Secuencia artificial

<220>

<223> Sintética: IL-15_E47[AZK_PEG]

<220>

<221> misc_feature

<222> (47)..(47)

<223> Xaa es [AZK_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina establemente conjugada con PEG

<400> 66

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Xaa Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 67

<211> 115

<212> PRT

<213> Secuencia artificial

<220>

<223> Sintética: IL-15_E54[AZK_PEG]

<220>

<221> misc_feature

<222> (54)..(54)

<223> Xaa es [AZK_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina establemente conjugada con PEG

<400> 67

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Xaa Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 68
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_N78[AZK_PEG]

<220>
<221> misc_feature
<222> (78)..(78)
<223> Xaa es [AZK_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 68

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 69
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_S84[AzK_PEG]

<220>
<221> misc_feature
<222> (84)..(84)
<223> Xaa es [AzK_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 69

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Xaa Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 70
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_S19[AzK_PEG30]

<220>
<221> misc_feature
<222> (19)..(19)
<223> Xaa es [AzK_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 70

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Xaa Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 71

<211> 115

<212> PRT

<213> Secuencia artificial

<220>

<223> Sintética: IL-15_L26[AZK_PEG30]

<220>

<221> misc_feature

<222> (26)..(26)

<223> Xaa es [AZK_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina establemente conjugada con PEG

<400> 71

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn

65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 72
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_E47[AzK_PEG30]

<220>
<221> misc_feature
<222> (47)..(47)
<223> Xaa es [AzK_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 72

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Xaa Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 73
<211> 115
<212> PRT
<213> Secuencia artificial

<220>

<223> Sintética: IL-15_E54[AzK_PEG30]

<220>

<221> misc_feature

<222> (54)..(54)

<223> Xaa es [AzK_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina establemente conjugada con PEG

<400> 73

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Xaa Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
 65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
 85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110

Asn Thr Ser
 115

<210> 74

<211> 115

<212> PRT

<213> Secuencia artificial

<220>

<223> Sintética: IL-15_N78[AzK_PEG30]

<220>

<221> misc_feature

<222> (78)..(78)

<223> Xaa es [AzK_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina establemente conjugada con PEG

<400> 74

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 75
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> sintética: IL-15_S84[AZK_PEG30]

<220>
<221> misc_feature
<222> (84)..(84)
<223> Xaa es [AZK_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 75

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Xaa Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 76
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_S19[AzK_PEG40]

<220>
<221> misc_feature
<222> (19)..(19)
<223> Xaa es [AzK_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 76

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Xaa Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 77
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_L26[AzK_PEG40]

<220>
<221> misc_feature
<222> (26)..(26)
<223> Xaa es [AzK_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 77

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 78
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> sintética: IL-15_E47[AzK_PEG40]

<220>
<221> misc_feature
<222> (47)..(47)
<223> Xaa es [AzK_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 78

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Xaa Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 79
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_E54[AzK_PEG40]

<220>
<221> misc_feature
<222> (54)..(54)
<223> Xaa es [AzK_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 79

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Xaa Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 80
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_N78[AzK_PEG40]

<220>
 <221> misc_feature
 <222> (78)..(78)
 <223> Xaa es [AZK_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 80

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn
 65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
 85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110

Asn Thr Ser
 115

<210> 81
 <211> 115
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> sintética: IL-15_S84[AZK_PEG40]

<220>
 <221> misc_feature
 <222> (84)..(84)
 <223> Xaa es [AZK_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 81

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Xaa Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 82
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_S19[AZK_L1_PEG]

<220>
<221> misc_feature
<222> (19)..(19)
<223> [AZK_L1_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 82

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Xaa Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 83
 <211> 115
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Sintética: IL-15_L26[AzK_ L1_PEG]

<220>
 <221> misc_feature
 <222> (26)..(26)
 <223> Xaa es [AzK_L1_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 83

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
 65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
 85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110

Asn Thr Ser
 115

<210> 84
 <211> 115
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Sintética: IL-15_E47[AzK_ L1_PEG]

<220>
 <221> misc_feature
 <222> (47)..(47)
 <223> Xaa es [AzK_L1_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 84

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu

1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Xaa Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 85
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_E54[AZK_ L1_PEG]

<220>
<221> misc_feature
<222> (54)..(54)
<223> Xaa es [AZK_L1_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 85

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Xaa Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn

85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 86
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_N78[AzK_ L1_PEG]

<220>
<221> misc_feature
<222> (78)..(78)
<223> Xaa es [AzK_L1_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 86

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 87
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_S84[AzK_ L1_PEG]

<220>
 <221> misc_feature
 <222> (84)..(84)
 <223> Xaa es [AZK_L1_PEG] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 87

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
 65 70 75 80

Val Thr Glu Xaa Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
 85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110

Asn Thr Ser
 115

<210> 88
 <211> 115
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> sintética: IL-15_S19[AZK_ L1_PEG30]

<220>
 <221> misc_feature
 <222> (19)..(19)
 <223> Xaa es [AZK_L1_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 88

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Xaa Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 89
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_L26[AZK_ L1_PEG30]

<220>
<221> misc_feature
<222> (26)..(26)
<223> Xaa es [AZK_L1_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 89

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 90
 <211> 115
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Sintética: IL-15_E47[AZK_ L1_PEG30]

<220>
 <221> misc_feature
 <222> (47)..(47)
 <223> Xaa es [AZK_L1_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 90

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Xaa Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
 65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
 85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110

Asn Thr Ser
 115

<210> 91
 <211> 115
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Sintética: IL-15_E54[AZK_ L1_PEG30]

<220>
 <221> misc_feature
 <222> (54)..(54)
 <223> Xaa es [AZK_L1_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 91

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Xaa Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 92
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_N78[AZK_ L1_PEG30]

<220>
<221> misc_feature
<222> (78)..(78)
<223> Xaa es [AZK_L1_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 92

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110

Asn Thr Ser
 115

<210> 93
 <211> 115
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> sintética: IL-15_S84[AZK_ L1_PEG30]

<220>
 <221> misc_feature
 <222> (84)..(84)
 <223> Xaa es [AZK_L1_PEG30] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 93

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
 65 70 75 80

Val Thr Glu Xaa Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
 85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110

Asn Thr Ser
 115

<210> 94
 <211> 115
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> sintética: IL-15_S19[AZK_ L1_PEG40]

<220>
 <221> misc_feature

<222> (19)..(19)
 <223> Xaa es [AzK_L1_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 94

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Xaa Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
 65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
 85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110

Asn Thr Ser
 115

<210> 95
 <211> 115
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Sintética: IL-15_L26[AzK_ L1_PEG40]

<220>
 <221> misc_feature
 <222> (26)..(26)
 <223> Xaa es [AzK_L1_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 95

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Xaa Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 96
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_E47[AzK_ L1_PEG40]

<220>
<221> misc_feature
<222> (47)..(47)
<223> Xaa es [AzK_L1_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 96

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Xaa Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 97
<211> 115

<212> PRT
 <213> Secuencia artificial
 <220>
 <223> Sintética: IL-15_E54[AzK_ L1_PEG40]
 <220>
 <221> misc_feature
 <222> (54)..(54)
 <223> Xaa es [AzK_L1_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 97

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
 20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
 35 40 45

Gln Val Ile Ser Leu Xaa Ser Gly Asp Ala Ser Ile His Asp Thr Val
 50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
 65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
 85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
 100 105 110

Asn Thr Ser
 115

<210> 98
 <211> 115
 <212> PRT
 <213> Secuencia artificial

<220>
 <223> Sintética: IL-15_N78[AzK_ L1_PEG40]

<220>
 <221> misc_feature
 <222> (78)..(78)
 <223> Xaa es [AzK_L1_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
 establemente conjugada con PEG

<400> 98

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
 1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val

20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Xaa Gly Asn
65 70 75 80

Val Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile
100 105 110

Asn Thr Ser
115

<210> 99
<211> 115
<212> PRT
<213> Secuencia artificial

<220>
<223> Sintética: IL-15_S84[AZK_ L1_PEG40]

<220>
<221> misc_feature
<222> (84)..(84)
<223> Xaa es [AZK_L1_PEG40] = N6-((2-azidoetoxi)-carbonil)-L-lisina
establemente conjugada con PEG

<400> 99

Met Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu
1 5 10 15

Ile Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val
20 25 30

His Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu
35 40 45

Gln Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val
50 55 60

Glu Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn
65 70 75 80

Val Thr Glu Xaa Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn
85 90 95

Ile Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile

100

105

110

Asn Thr Ser
115