

SEQUENCE LISTING

<110> Kissei Pharmaceutical Co., Ltd.

<120> An Fc-fused high affinity IgE receptor *fi*-chain

<130> PH-6451-PCT

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<160> 4

<170> PatentIn version 3.5

<210> 1

<211> 179

<212> PRT

<213> Homo sapiens

<400> 1

Val Pro Gln Lys Pro Lys Val Ser Leu Asn Pro
Pro Trp Asn Arg Ile 5 10
15

Phe Lys Gly Glu Asn Val Thr Leu Thr Cys Asn
Gly Asn Asn Phe Phe 20 25
30

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

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

Glu Tyr Lys Cys Gln His Gln Gln Val Asn Glu
Ser Glu Pro Val Tyr 70 75
80

Leu Glu Val Phe Ser Asp Trp Leu Leu Leu Gln
Ala Ser Ala Glu Val 85 90
95

Val Met Glu Gly Gln Pro Leu Phe Leu Arg Cys
His Gly Trp Arg Asn 100 105
110

Trp Asp Val Tyr Lys Val Ile Tyr Tyr Lys Asp
Gly Glu Ala Leu Lys 115 120
125

Tyr Trp Tyr Glu Asn His Asn Ile Ser Ile Thr
Asn Ala Thr Val Glu 130 135
140

Asp Ser Gly Thr Tyr Tyr Cys Thr Gly Lys Val
Trp Gln Leu Asp Tyr 150 155
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Glu Ser Glu Pro Leu Asn Ile Thr Val Ile Lys
Ala Pro Arg Glu Lys 165 170
175

Tyr Trp Leu

<210> 2

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<212> PRT

<213> Artificial

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<223> Synthetic

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Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys
Pro Pro Cys 5 10
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<210> 3

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<212> PRT

<213> Homo sapiens

<400> 3

Val Pro Gln Lys Pro Lys Val Ser Leu Asn Pro
Pro Trp Asn Arg Ile 5 10
15

Phe Lys Gly Glu Asn Val Thr Leu Thr Cys Asn
Gly Asn Asn Phe Phe 20 25
30

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

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

Glu Tyr Lys Cys Gln His Gln Gln Val Asn Glu
Ser Glu Pro Val Tyr 70 75
80

Leu Glu Val Phe Ser Asp Trp Leu Leu Leu Gln
Ala Ser Ala Glu Val 85 90
95

Val Met Glu Gly Gln Pro Leu Phe Leu Arg Cys
His Gly Trp Arg Asn 100 105
110

Trp Asp Val Tyr Lys Val Ile Tyr Tyr Lys Asp
Gly Glu Ala Leu Lys 115 120
125

Tyr Trp Tyr Glu Asn His Asn Ile Ser Ile Thr
Asn Ala Thr Val Glu 130 135
140

Asp Ser Gly Thr Tyr Tyr Cys Thr Gly Lys Val
Trp Gln Leu Asp Tyr 150 155
160

Glu Ser Glu Pro Leu Asn Ile Thr Val Ile Lys
Ala Pro Arg Glu Lys 165 170
175

Tyr Trp Leu Glu Pro Lys Ser Cys Asp Lys Thr
His Thr Cys Pro Pro 180 185
190

Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser
Val Phe Leu Phe Pro 195 200
205

Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg
Thr Pro Glu Val Thr 210 215
220

Cys Val Val Val Asp Val Ser His Glu Asp Pro
Glu Val Lys Phe Asn 230 235
240

Trp Tyr Val Asp Gly Val Glu Val His Asn Ala
Lys Thr Lys Pro Arg 245 250
255

Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val
Ser Val Leu Thr Val 260 265
270

Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr
Lys Cys Lys Val Ser 275 280
285

Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr
Ile Ser Lys Ala Lys 290 295
300

Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu
Pro Pro Ser Arg Asp 310 315
320

Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys
Leu Val Lys Gly Phe 325 330
335

Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser
Asn Gly Gln Glu 340 345
350

Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp
Ser Asp Gly Ser Phe 355 360
365

Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser
Arg Trp Gln Gln Gly 370 375
380

Asn Val Phe Ser Cys Ser Val Met His Glu Ala
Leu His Asn His Tyr 385 390 395
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Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
405 410

<210> 4

<211> 406

<212> PRT

<213> Homo sapiens

<400> 4

Val Pro Gln Lys Pro Lys Val Ser Leu Asn Pro
Pro Trp Asn Arg Ile 5 10
15

Phe Lys Gly Glu Asn Val Thr Leu Thr Cys Asn
Gly Asn Asn Phe Phe 20 25
30

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

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

Glu Tyr Lys Cys Gln His Gln Gln Val Asn Glu
Ser Glu Pro Val Tyr 70 75
80

Leu Glu Val Phe Ser Asp Trp Leu Leu Leu Gln
Ala Ser Ala Glu Val 85 90
95

Val Met Glu Gly Gln Pro Leu Phe Leu Arg Cys
His Gly Trp Arg Asn 100 105
110

Trp Asp Val Tyr Lys Val Ile Tyr Tyr Lys Asp
Gly Glu Ala Leu Lys 115 120
125

Tyr Trp Tyr Glu Asn His Asn Ile Ser Ile Thr
Asn Ala Thr Val Glu 130 135
140

Asp Ser Gly Thr Tyr Tyr Cys Thr Gly Lys Val
Trp Gln Leu Asp Tyr 150 155
160

Glu Ser Glu Pro Leu Asn Ile Thr Val Ile Lys
Ala Pro Arg Glu Lys 165 170
175

Tyr Trp Leu Asp Lys Thr His Thr Cys Pro Pro
Cys Pro Ala Pro Glu 180 185
190

Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro
Pro Lys Pro Lys Asp 195 200
205

Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr
Cys Val Val Val Asp 210 215
220

Val Ser His Glu Asp Pro Glu Val Lys Phe Asn
Trp Tyr Val Asp Gly 230 235
240

Val Glu Val His Asn Ala Lys Thr Lys Pro Arg
Glu Glu Gln Tyr Asn 245 250
255

Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val
Leu His Gln Asp Trp 260 265
270

Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser
Asn Lys Ala Leu Pro 275 280
285

Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys
Gly Gln Pro Arg Glu 290 295
300

Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp
Glu Leu Thr Lys Asn 310 315
320

Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe
Tyr Pro Ser Asp Ile 325 330
335

Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu
Asn Asn Tyr Lys Thr 340 345
350

Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe
Phe Leu Thr Ser Lys 355 360
365

Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly
Asn Val Phe Ser Cys 370 375
380

Ser Val Met His Glu Ala Leu His Asn His Tyr
Thr Gln Lys Ser Leu 385 390 395
400

Ser Leu Ser Pro Gly Lys
405