SEQUENCE LISTING

<110> Astellas Pharma Inc.

<120> Novel anti-human TSLP Receptor antibody

<130> A14014A00

<150> JP2013-165676
<151> 2013-08-09

<160> 11

<170> PatentIn version 3.5

<210> 1
<211> 448
<212> PRT
<213> Artificial Sequence

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<223> H-chain of anti-human TSLP Receptor antibody

<400> 1

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

Ser Ser Val Ser Gly Ser Gly Ala Gly Thr Tyr Tyr Ala Asp Ser Val
    50                  55                  60

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

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

Val Lys Glu Gly Gly Ser Arg Gly Phe Asp Tyr Trp Gly Gln Gly Thr
            100                 105                 110

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

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

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

Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln
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Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser
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Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser
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Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp Lys Thr
    210                 215                 220

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

Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg
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Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro
            260                 265                 270

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

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

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

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

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

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

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

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

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

Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala
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<213> Artificial Sequence

<220>
<223> H-chain gene of anti-human TSLP Receptor antibody

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ccagggaagg gactgaaatg ggtctcaagt gttagtggca gtggtgctgg aacatactac 180

gcagactccg tgaagggccg gttcaccatc tccagagaca atcccaagaa tacactgtat 240

ctgcaaatga acagtctgag agccgaggac acggccgtat attattgtgt gaaagaaggg 300

ggcagccggg gttttgacta ctggggccag ggaaccctgg tcaccgtctc ctcagcctcc 360

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tcaggcgccc tgaccagcgg cgtgcacacc ttcccggctg tcctacagtc ctcaggactc 540

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tgcaacgtga atcacaagcc cagcaacacc aaggtggaca agaaagttga gcccaaatct 660

tgtgacaaaa ctcacacatg cccaccgtgc ccagcacctg aactcctggg gggaccgtca 720

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<210> 3
<211> 214
<212> PRT
<213> Artificial Sequence

<220>
<223> L-chain of anti-human TSLP Receptor antibody

<400> 3

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            20                  25                  30

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

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

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

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Asn Leu Tyr 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
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<211>  645
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  L-chain gene of anti-human TSLP Receptor antibody

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<210> 5
<211> 1395
<212> DNA
<213> Artificial Sequence

<220>
<223> gene of human TSLP Receptor-human Fc

<400> 5
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acatggaatg ccagcaaata ctccaggacc aacctgactt tccactacag attcaacggt 180

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cccgttttca ccgcaagtcg ctggatggtt tattacctga aacccagttc cccgaagcac 360

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tctccgggta aatga 1395

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<211> 1437
<212> DNA
<213> Artificial Sequence

<220>
<223> gene of human TSLP Receptor-mouse Fc

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aggaccaacc tgactttcca ctacagattc aacggtgatg aggcctatga ccagtgcacc 240

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gacattctct atttctccat caggaatggg acgcaccccg ttttcaccgc aagtcgctgg 360

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<210> 7

<211> 1395
<212> DNA
<213> Artificial Sequence

<220>
<223> gene of cynomolgus TSLP Receptor-human Fc

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<211> 483
<212> DNA
<213> Artificial Sequence

<220>
<223> gene of human TSLP mutant-Flag

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aaagacctga ttacatatat gagtgggacc aaaagtactg agttcaacaa caccgtctct 180

tgtagcaatc ggccacattg ccttactgaa atccagagcc taaccttcaa tcccaccgcc 240

ggctgcgcgt cgctcgccaa agaaatgttc gccatgaaaa ctaaggctgc cttagctatc 300

tggtgcccag gctattcgga aactcagata aatgctactc aggcaatgaa gaagaggaga 360

aaagccaaag tcacaaccaa taaatgtctg gaacaagtgt cacaattaca aggattgtgg 420

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<210> 9
<211> 498
<212> DNA
<213> Artificial Sequence

<220>
<223> gene of cynomolgus TSLP mutant-Flag

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aaagccaaag tcacaaccaa taaatgtctg gaacaagtgt cacaattact aggattgtgg 420

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<211> 1116
<212> DNA
<213> Homo sapiens

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<210> 11
<211> 1380
<212> DNA
<213> Homo sapiens

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tcatgctata gccagttgga agtgaatgga tcgcagcact cactgacctg tgcttttgag 180

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