SEQUENCE LISTING

<110> SCHERING CORPORATION

<120> ENGINEERED ANTI-TSLP ANTIBODY

<130> BP2009.7093

<140>
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<150> 61/297,008
<151> 2010-01-21

<150> 61/258,051
<151> 2009-11-04

<160> 16

<170> PatentIn version 3.5

<210> 1
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 1
Gly Tyr Ile Phe Thr Asp Tyr Ala Met His
1 5 10

<210> 2
<211> 17
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<213> Artificial Sequence

<220>
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<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 2
Thr Phe Ile Pro Leu Leu Asp Thr Ser Asp Tyr Ala Gln Lys Phe Gln
1 5 10 15

Gly

<210> 3
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3
Met Gly Val Thr His Ser Tyr Val Met Asp Ala
1 5 10

<210> 4
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4
Arg Ala Ser Gln Pro Ile Ser Ile Ser Val His
1 5 10

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

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5
Phe Ala Ser Gln Ser Ile Ser
1 5

<210> 6
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6
Gln Gln Thr Phe Ser Leu Pro Tyr Thr
1 5

<210> 7
<211> 120
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<400> 7
Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

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

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

```
Gly Thr Phe Ile Pro Leu Leu Asp Thr Ser Asp Tyr Ala Gln Lys Phe
    50                  55                  60

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

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

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

Gly Thr Leu Val Thr Val Ser Ser
        115                 120
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<210> 8
<211> 109
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<400> 8

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

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

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

Tyr Phe Ala Ser Gln Ser Ile Ser Gly Ile Pro Asp Arg Phe Ser Gly
    50                  55                  60

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

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

Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr
            100                 105
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<210> 9
<211> 360
<212> DNA
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic polynucleotide"

<400> 9
caggtgcagc tggtgcagtc tggcgccgaa gtgaagaaac ctggcgcctc cgtgaaggtg 60

tcctgcaagg cctccggcta catcttcacc gactacgcca tgcactgggt ccgccaggct 120

ccaggacagg gcctggaatg gatgggcacc ttcatccctc tgctggacac ctctgactac 180

gcccagaaat tccagggcag agtgaccatg accgccgaca cctccacctc caccgcctac 240

atggaactgc ggtccctgag atccgacgac accgccgtgt actactgcgc ccggatgggc 300

gtgacacact cctacgtgat ggacgcttgg ggccagggca ccctggtcac cgtgtcctcc 360

<210> 10
<211> 327
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polynucleotide"

<400> 10
gagatcgtgc tgacccagtc ccctggcacc ctgtctctgt ctcccggcga gagagccacc 60

ctgtcctgcc gggcctccca gcctatctcc atctccgtgc actggtatca gcagaagcca 120

ggacaggccc ctcggctgct gatctacttc gcttctcagt ctatctctgg catccctgac 180

cggttctccg gctctggctc cggcaccgac ttcaccctga ccatctcccg gctggaacct 240

gaggacttcg ccgtgtacta ctgccagcag accttctccc tgccttacac cttcggccag 300

ggcaccaagg tggagatcaa gcgtacg 327

<210> 11
<211> 450
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<400> 11
Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu
                325                 330                 335
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```
Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
            340                 345                 350

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

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

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

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

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

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

Gly Lys
    450
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<210> 12
<211> 214
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<400> 12

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

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

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

Tyr Phe Ala Ser Gln Ser Ile Ser Gly Ile Pro Asp Arg Phe Ser Gly
    50                  55                  60

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

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

Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr Val Ala Ala
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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> 13
<211> 1350
<212> DNA
<213> Artificial Sequence

<220>
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<223> /note="Description of Artificial Sequence: Synthetic polynucleotide"

<400> 13
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ccaggacagg gcctggaatg gatgggcacc ttcatccctc tgctggacac ctctgactac 180

gcccagaaat tccagggcag agtgaccatg accgccgaca cctccacctc caccgcctac 240

atggaactgc ggtccctgag atccgacgac accgccgtgt actactgcgc ccggatgggc 300

gtgacacact cctacgtgat ggacgcttgg ggccagggca ccctggtcac cgtgtcctcc 360

gctagcacca agggcccttc cgtgttccct ctggcccctt cctccaagtc tacctctggc 420

ggcaccgctg ctctgggctg tctggtcaag gactacttcc ctgagcctgt gacagtctct 480

tggaactctg gcgccctgac ctccggcgtg cacaccttcc ctgccgtgct gcagtctagt 540

ggcctgtact ccctgtcctc cgtggtcaca gtgccttcat catccctggg cacccagacc 600

tacatctgca acgtgaacca caagccttcc aacaccaagg tggacaagaa ggtggagcct 660

aagtcctgcg acaagaccca cacctgtcct ccatgccctg cccctgagct gctgggcgga 720

ccctccgtgt tcctgttccc tcctaagcct aaggacaccc tgatgatctc ccggacccct 780

gaagtgacct gcgtggtggt ggacgtgtcc cacgaggacc cagaagtgaa gttcaattgg 840

tacgtggacg gcgtggaggt gcacaacgcc aagaccaagc ctcgggagga acagtacaac 900

tccacctacc gggtggtgtc cgtgctgacc gtgctgcacc aggactggct gaacggcaaa 960

gaatacaagt gcaaggtgtc caacaaggcc ctgcctgccc ctatcgaaaa gaccatctcc 1020

aaggccaagg gccagccaag agaacctcag gtgtacaccc tgcctccctc tcgggacgag 1080

ctgaccaaga accaggtgtc cctgacatgc ctggtcaagg gcttctaccc ttccgatatc 1140

gccgtggagt gggagtctaa cggccagcct gagaacaact acaagaccac ccctcctgtg 1200

ctggactccg acggctcctt cttcctgtac tccaagctga ccgtggacaa gtcccggtgg 1260

cagcagggca acgtgttctc ctgctccgtg atgcacgagg ccctgcacaa ccactacacc 1320

cagaagtccc tgtccctgtc tcctggcaag 1350

<210> 14
<211> 642
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polynucleotide"

<400> 14
gagatcgtgc tgacccagtc ccctggcacc ctgtctctgt ctcccggcga gagagccacc 60

ctgtcctgcc gggcctccca gcctatctcc atctccgtgc actggtatca gcagaagcca 120

ggacaggccc ctcggctgct gatctacttc gcttctcagt ctatctctgg catccctgac 180

cggttctccg gctctggctc cggcaccgac ttcaccctga ccatctcccg gctggaacct 240

gaggacttcg ccgtgtacta ctgccagcag accttctccc tgccttacac cttcggccag 300

ggcaccaagg tggagatcaa gcgtacggtg gccgctcctt ccgtgttcat cttccctccc 360

tccgacgagc agctgaagtc cggcaccgcc tctgtcgtct gcctgctgaa caacttctac 420

cctcgggagg ccaaggtgca gtggaaggtg gacaacgccc tgcagtccgg caactcccag 480

gaatccgtca ccgagcagga ctccaaggac tctacctact ccctgtcctc caccctgacc 540

ctgtccaagg ccgactacga gaagcacaag gtgtacgcct gcgaagtgac ccaccagggc 600

ctgtcatctc cagtgactaa gtctttcaac cggggcgagt gc 642

<210> 15
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
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<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15
Met Ala Val Leu Gly Leu Leu Phe Cys Leu Val Thr Phe Pro Ser Cys
1 5 10 15

Val Leu Ser

<210> 16
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16
Met Ala Pro Val Gln Leu Leu Gly Leu Leu Val Leu Phe Leu Pro Ala
1 5 10 15

Met Arg Cys