SEQUENCE LISTING

<110> CSL Limited

<120> Antibodies Against G-CSFR and Uses Thereof

<130> P000189SG1

<140> SG 201308549-3

<141> 2012-06-13

<150> 61/496351
<151> 2011-06-13

<160> 68

<170> PatentIn version 3.5

<210> 1
<211> 319
<212> PRT
<213> artificial

<220>
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Pro Ile Thr Ala Ser Cys Ile Ile Lys Gln Asn Cys Ser His Leu Asp
20 25 30

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

Gly Arg Gln Gln Arg Leu Ser Asp Gly Thr Gln Glu Ser Ile Ile Thr
50 55 60

Leu Pro His Leu Asn His Thr Gln Ala Phe Leu Ser Cys Ala Leu Asn
65 70 75 80

Trp Gly Asn Ser Leu Gln Ile Leu Asp Gln Val Glu Leu Arg Ala Gly
85 90 95

Tyr Pro Pro Ala Ile Pro His Asn Leu Ser Cys Leu Met Asn Leu Thr
100 105 110

Thr Ser Ser Leu Ile Cys Gln Trp Glu Pro Gly Pro Glu Thr His Leu
115 120 125

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Pro Thr Ser Phe Thr Leu Lys Ser Phe Lys Ser Arg Gly Asn Cys Gln
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Thr Gln Gly Asp Ser Ile Leu Asp Cys Val Pro Lys Asp Gly Gln Ser
145                 150                 155                 160

His Cys Ser Ile Pro Arg Lys His Leu Leu Leu Tyr Gln Asn Met Gly
                165                 170                 175

Ile Trp Val Gln Ala Glu Asn Ala Leu Gly Thr Ser Met Ser Pro Gln
            180                 185                 190

Leu Cys Leu Asp Pro Met Asp Val Val Lys Leu Glu Pro Pro Met Leu
        195                 200                 205

Arg Thr Met Asp Pro Ser Pro Glu Ala Ala Pro Pro Gln Ala Gly Cys
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Leu Gln Leu Ser Trp Glu Pro Trp Gln Pro Gly Leu His Ile Asn Gln
225                 230                 235                 240

Lys Cys Glu Leu Arg His Lys Pro Gln Arg Gly Glu Ala Ser Trp Ala
                245                 250                 255

Leu Val Gly Pro Leu Pro Leu Glu Ala Leu Gln Tyr Glu Leu Cys Gly
            260                 265                 270

Leu Leu Pro Ala Thr Ala Tyr Thr Leu Gln Ile Arg Cys Ile Arg Trp
        275                 280                 285

Pro Leu Pro Gly His Trp Ser Asp Trp Ser Pro Ser Leu Glu Leu Arg
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Thr Thr Glu Arg Ala Pro Thr His His His His His His His His
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20 25 30

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

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

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser 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

Ala Met Leu Gly Glu Leu Gly Trp Phe Asp Pro Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
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1 5 10 15

Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser Tyr
20 25 30

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

Tyr Tyr Ala Ser Asn Leu Gln Asn Gly Ile Pro Ser Arg 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 His Cys Gln Gln Ser Tyr Ser Thr Pro Leu
85 90 95

Thr Phe Gly Gly Gly Thr Asn Val Glu Ile Arg
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<223> VH of C1.2G

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

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Leu Tyr
20 25 30

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

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

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser 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

Ala Lys Leu Gly Glu Leu Gly Trp Phe Asp Pro Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
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Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser Tyr
20 25 30

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

Tyr Tyr Ala Ser Asn Leu Gln Asn Gly Val Pro Ser Arg 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 Ser Tyr Ser Thr Pro Leu
85 90 95

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

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<212> PRT
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<223> C1.2 HCDR3

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<220>
<223> C1.2 LCDR1

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Arg Ala Ser Gln Gly Ile Ser Ser Tyr Leu Asn
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<220>
<223> C1.2 LCDR2

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Ala Ser Asn Leu Gln Asn
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<212> PRT
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Gln Gln Ser Tyr Ser Thr Pro Leu Thr
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glutamic acid and histidine

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<223> X iis an amino acid selected from the group consisting of phenylalanine, tyrosine, methionine, serine, glycine and isoleucine

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<210> 13
<211> 9
<212> PRT
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<223> X ian amino acid selected from the group consisting of serine or glycine

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leucine

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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<223> VL of antibody 987

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Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser Tyr
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Leu Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile

35 40 45

Tyr Tyr Ala Ser Asn Leu Gln Asn Gly Val Pro Ser Arg 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 Ser Ile Gln Tyr Pro Gln
85 90 95

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

<210> 15
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<220>
<223> VH of antibody 987

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Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
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Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Leu Tyr
20 25 30

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

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

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser 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

Ala Lys Leu Gly Glu Leu Gly Gln Ser Ser Ala Trp Gly Gln Gly Thr
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Leu Val Thr Val Ser Ser
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35 40 45

Tyr Tyr Ala Ser Asn Leu Gln Asn Gly Val Pro Ser Arg 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 Ser Trp Glu Tyr Pro Leu
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Val Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
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Leu Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Tyr Ala Ser Asn Leu Gln Asn Gly Val Pro Ser Arg 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 Val Ser Trp Glu Tyr Pro Leu
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Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
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<212> PRT
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Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser Tyr
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