

<110> Hanall Biopharma Co., Ltd.
 <120> FORMULATION FOR ANTI-FcRn ANTIBODY
 <130> SP021-011-HAB-PCT
 <150> KR 10-2020-0079135
 <151> 2020-06-29
 <160> 10
 <170> KoPatentIn 3.0
 <210> 1
 <211> 450
 <212> PRT
 <213> Artificial Sequence
 <220>
 <223> HL161_Heavy chain
 <400> 1
 Gln Leu Leu Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
 1 5 10 15
 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Leu Ser Ser Ser
 20 25 30
 Phe Ser Tyr Trp Val Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu
 35 40 45
 Trp Ile Gly Thr Ile Tyr Tyr Ser Gly Asn Thr Tyr Tyr Asn Pro Ser
 50 55 60
 Leu Lys Ser Arg Leu Thr Ile Ser Val Asp Thr Ser Lys Asn His Phe
 65 70 75 80
 Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
 85 90 95
 Cys Ala Arg Arg Ala Gly Ile Leu Thr Gly Tyr Leu Asp Ser Trp Gly
 100 105 110
 Gln Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser
 115 120 125
 Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala
 130 135 140
 Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val
 145 150 155 160
 Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala

[illegible]

450

<210> 2
<211> 214
<212> PRT
<213> Artificial Sequence

<220>
<223> HL161_Light chain

<400> 2
Ser Tyr Val Leu Thr Gln Ser Pro Ser Val Ser Val Ala Pro Gly Gln
1 5 10 15
Thr Ala Arg Ile Thr Cys Gly Gly Asn Asn Ile Gly Ser Lys Ser Val
20 25 30
His Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Val Tyr
35 40 45
Asp Asp Ser Asp Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Ala Ser
50 55 60
Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Arg Val Glu Ala Gly
65 70 75 80
Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Ser Ser Ser Asp His
85 90 95
Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly Gln Pro Lys
100 105 110
Ala Ala Pro Ser Val Thr Leu Phe Pro Pro Ser Ser Glu Glu Leu Gln
115 120 125
Ala Asn Lys Ala Thr Leu Val Cys Leu Ile Ser Asp Phe Tyr Pro Gly
130 135 140
Ala Val Thr Val Ala Trp Lys Ala Asp Ser Ser Pro Val Lys Ala Gly
145 150 155 160
Val Glu Thr Thr Thr Pro Ser Lys Gln Ser Asn Asn Lys Tyr Ala Ala
165 170 175
Ser Ser Tyr Leu Ser Leu Thr Pro Glu Gln Trp Lys Ser His Arg Ser
180 185 190
Tyr Ser Cys Gln Val Thr His Glu Gly Ser Thr Val Glu Lys Thr Val
195 200 205
Ala Pro Thr Glu Cys Ser
210

<210> 3
 <211> 1350
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> polynucleotides coding HL161 heavy chain

<400> 3
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 cagccccctg gcaagggcct ggaatggatc ggcaccatct actactccgg caacacctac 180
 tacaacccca gcctgaagtc ccggctgacc atctccgtgg acacctcaa gaaccacttc 240
 agcctgaagc tgtcctccgt gaccgccgct gacaccgccg tgtactactg tgccagaagg 300
 gccggcatcc tgaccggcta cctggactct tggggccagg gcaccctggt gacagtgtcc 360
 tccgcctcca ccaagggccc ctccgtgttc cctctggccc cctccagcaa gtccacctct 420
 ggcggcaccg ctgccctggg ctgtctgggt aaagactact tccccgagcc cgtgaccgtg 480
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 cccaagtcct gcgacaagac ccacacctgt cccccctgtc ctgcccctga agctgctggc 720
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 aactccacct accgggtggg gtccgtgctg accgtgctgc accaggactg gctgaacggc 960
 aaagagtaca agtgcaaggt ctccaacaag gccctgcctg ccccatcga aaagaccatc 1020
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 gagatgacca agaaccaggt gtccctgaca tgcctgggtga agggcttcta cccctccgac 1140
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 gtgctggact ccgacggctc attcttcctg tactccaagc tgaccgtgga caagtcccg 1260

tggcagcagg gcaacgtggt ctcctgctcc gtgatgcacg aggccctgca caaccactac	1320
accagaagt ccctgtccct gagccccggc	1350

<210> 4
 <211> 642
 <212> DNA
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<220>
 <223> polynucleotides coding HL161 light chain

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caggcccccg tgctgggtgt gtacgacgac tccgaccggc cctctggcat ccctgagcgg	180
ttctccgcct ccaactccgg caacaccgcc accctgacca tctccagagt ggaagccggc	240
gacgaggccg actactactg ccaagtgtgg gactcctcct ccgaccacgt ggtgttcggc	300
ggaggcacca agctgaccgt gctgggccag cctaaggccg ctccctccgt gaccctgttc	360
ccccatcct ccgaggaact gcaggccaac aaggccaccc tggctctgcct gatctccgac	420
ttctaccctg gcgccgtgac cgtggcctgg aaggccgaca gctctcctgt gaaggccggc	480
gtggaaacca ccaccccctc caagcagtcc aacaacaaat acgccgcctc ctcttacctg	540
tccctgaccc ccgagcagtg gaagtccac cggtcctaca gctgccaagt gacacacgag	600
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<210> 5
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> HL161_Hv CDR1

<400> 5	
Phe Ser Tyr Trp Val	
1 5	

<210> 6
 <211> 16

<212> PRT
<213> Artificial Sequence

<220>
<223> HL161_Hv CDR2

<400> 6
Thr Ile Tyr Tyr Ser Gly Asn Thr Tyr Tyr Asn Pro Ser Leu Lys Ser
1 5 10 15

<210> 7
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> HL161_Hv CDR3

<400> 7
Arg Ala Gly Ile Leu Thr Gly Tyr Leu Asp Ser
1 5 10

<210> 8
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> HL161_Lv CDR1

<400> 8
Gly Gly Asn Asn Ile Gly Ser Lys Ser Val His
1 5 10

<210> 9
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> HL161_Lv CDR2

<400> 9
Asp Asp Ser Asp Arg Pro Ser
1 5

<210> 10
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> HL161_Lv CDR3

<400> 10
Gln Val Trp Asp Ser Ser Ser Asp His Val Val
1 5 10