

PBD00068_WO_ST25.txt
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CHEMOATTRACTANT PROTEIN-1 (MCP-1 N1pE)
<130> PBD00068/wo
<150> US 61/090,264
<151> 2008-08-20
<160> 44
<170> PatentIn version 3.5
<210> 1
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<213> Homo sapiens
<400> 1

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

Ala Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Pro Lys Glu Ala Val
50 55 60

Ile Phe Lys Thr Ile Val Ala Lys Glu Ile Cys Ala Asp Pro Lys Gln
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85 90 95

Pro Lys Thr

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aaagaagctg tgatcttcaa gaccattgtg gccaaaggaga tctgtgctga cccaagcag 240
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 <213> Homo sapiens

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<400> 4

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 20 25 30

Ser Ser Lys Cys Pro Lys
 35

<210> 5
 <211> 36
 <212> PRT
 <213> Homo sapiens

<400> 5

Asp Ala Ile Asn Ala Pro Val Thr Cys Cys Tyr Asn Phe Thr Asn Arg
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Lys Cys Pro Lys
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 <213> Homo sapiens

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<223> pyroglutamate

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<211> 30

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<223> Synthetic oligonucleotide

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<210> 9

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<223> Synthetic oligonucleotide

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<223> Synthetic oligonucleotide

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<210> 32
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 gtccctgaca ggttcactgg cagtggatca gggacagatt tcacactgaa aatcagcaga 300
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<210> 34
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<212> PRT
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          20          25          30

Ile Gly Gln Pro Ala Ser Ile Ser Cys Lys Ser Ser Gln Ser Leu Leu
          35          40          45

Asp Ser Ala Gly Lys Thr Tyr Leu Ser Trp Leu Leu Gln Arg Pro Gly
          50          55          60

Gln Ser Pro Lys Arg Leu Ile Tyr Leu Val Ser Lys Leu Asp Ser Gly
65          70          75          80

Val Pro Asp Arg Phe Thr Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu
          85          90          95

Lys Ile Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Tyr Cys Trp
          100          105          110

Gln Gly Thr His Phe Pro Trp Thr Phe Gly Gly Gly Thr Lys Leu Glu
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Ser
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<210> 35
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tgtaaggctt ctggatacac attcactgac tactacatgg actgggtgaa gcagagccat      180
ggagaaagct ttgagtgcac tggacgtggt aatccttaca atggtggtac tagctacaac      240
cagaagttca agggcaaggc cacattgact gttgacaagt cctccagcac agcctacatg      300
gagctcaaca gcctgacatc tgaggactct gcggtctatt actgtgcaag gctcggtagt      360
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<210> 36

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<400> 36

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Pro Gly Ala Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Thr Phe
 35 40 45

Thr Asp Tyr Tyr Met Asp Trp Val Lys Gln Ser His Gly Glu Ser Phe
 50 55 60

Glu Cys Ile Gly Arg Val Asn Pro Tyr Asn Gly Gly Thr Ser Tyr Asn
 65 70 75 80

Gln Lys Phe Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser
 85 90 95

Thr Ala Tyr Met Glu Leu Asn Ser Leu Thr Ser Glu Asp Ser Ala Val
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Tyr Tyr Cys Ala Arg Leu Gly Ser Ser Tyr Arg Trp Gly Gln Gly Thr
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Thr Leu Thr Val Ser Ser Ala Lys Thr Thr Pro Pro Ser Val
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<210> 37
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 <212> DNA
 <213> Mus musculus

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atctcttgca agtcaagtca ggcctctta gatagtgtg gaaagacata tttgagttgg	180
ttgttacaga ggccaggcca gtctccaaag cgcctaattct atctggtgtc taaactggac	240
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agcagagtgg aggctgagga tttgggagtt tattactgct ggcaaggtag acattttccg	360
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<210> 38
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 <212> PRT
 <213> Mus musculus

<400> 38

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 Val Thr Ile Gly Gln Pro Ala Ser Ile Ser Cys Lys Ser Ser Gln Ser
 35 40 45
 Leu Leu Asp Ser Ala Gly Lys Thr Tyr Leu Ser Trp Leu Leu Gln Arg
 50 55 60
 Pro Gly Gln Ser Pro Lys Arg Leu Ile Tyr Leu Val Ser Lys Leu Asp
 65 70 75 80
 Ser Gly Val Pro Asp Arg Phe Thr Gly Ser Gly Ser Gly Thr Asp Phe
 85 90 95
 Thr Leu Lys Ile Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Tyr
 100 105 110
 Cys Trp Gln Gly Thr His Phe Pro Trp Thr Phe Gly Gly Gly Thr Lys
 115 120 125
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 130 135 140
 Pro Ser Ser
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 <212> DNA
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 gagctcaaca gcctgacatc tgaggactct gcggtctatt actgtgcaag gctcggtagt 360
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<210> 40
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<213> Mus musculus

<400> 40

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20 25 30Pro Gly Ala Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Thr Phe
35 40 45Thr Asp Tyr Tyr Met Asp Trp Val Lys Gln Ser His Gly Glu Ser Phe
50 55 60Glu Cys Ile Gly Arg Val Asn Pro Tyr Asn Gly Gly Thr Ser Tyr Asn
65 70 75 80Gln Lys Phe Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser
85 90 95Thr Ala Tyr Met Glu Leu Asn Ser Leu Thr Ser Glu Asp Ser Ala Val
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<210> 41

<211> 438

<212> DNA

<213> Mus musculus

<400> 41

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tcttgcaaat ctagtcagag cattgtacat agtaatggaa acacctatctt agaatggtac	180
ctgcagaaac caggccagtc tccaaagctc ctgatctaca aagttttcaa ccgattttct	240
ggggtcccag acaggttcag tggcagtggga tcagggacag atttcacact caagatcagc	300
agagtggagg ctgaggatct gggagtttat tactgctttc aagggttcaca tgttccgtac	360
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atcttcccac catccagt	438

<210> 42

<211> 146

<212> PRT
 <213> Mus musculus
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 35 40 45
 Val His Ser Asn Gly Asn Thr Tyr Leu Glu Trp Tyr Leu Gln Lys Pro
 50 55 60
 Gly Gln Ser Pro Lys Leu Leu Ile Tyr Lys Val Phe Asn Arg Phe Ser
 65 70 75 80
 Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr
 85 90 95
 Leu Lys Ile Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Tyr Cys
 100 105 110
 Phe Gln Gly Ser His Val Pro Tyr Thr Phe Gly Gly Gly Thr Lys Leu
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 Ser Ser
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 <213> Mus musculus

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 cagctcaaga gcctgacatc tgaggactct gcagtctatt tctgcctcct atggttacga 360
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 <213> Mus musculus

<400> 44

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 1 5 10 15

Val His Ser Glu Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Glu Lys
 20 25 30

Pro Gly Ala Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Ser Phe
 35 40 45

Thr Gly Tyr Asn Met Asn Trp Val Lys Gln Asn Asn Gly Lys Ser Leu
 50 55 60

Glu Trp Ile Gly Asn Ile Thr Pro Tyr Tyr Gly Ser Thr Ser Tyr Asn
 65 70 75 80

Gln Lys Phe Lys Gly Arg Val Thr Leu Thr Val Asp Lys Ser Ser Ser
 85 90 95

Thr Ala Tyr Met Gln Leu Lys Ser Leu Thr Ser Glu Asp Ser Ala Val
 100 105 110

Tyr Phe Cys Leu Leu Trp Leu Arg Arg Gly Asp Tyr Ala Met Asp Tyr
 115 120 125

Trp Gly Gln Gly Thr Ser Val Thr Val Ser Ser Ala Lys Thr Thr Pro
 130 135 140

Pro Ser Val Tyr Pro Leu
 145 150