

Sequence listing-English
SEQUENCE LISTING

<110> Sichuan Huiyang Life Science & Technology Corp
 <120> CRYSTALLINE RECOMBINANT INTERFERON WITH ALTERED SPATIAL
 CONFIGURATION, THREE-DIMENSIONAL STRUCTURE AND USES THEREOF
 <130> UP-102099-59:58
 <140> PCT/CN 2010/002055
 <141> 2010-12-16
 <150> CN200910259339.2
 <151> 2009-12-18
 <160> 5
 <170> PatentIn version 3.5
 <210> 1
 <211> 167
 <212> PRT
 <213> Artificial Sequence
 <220>
 <223> Amino acid sequence of recombinant interferon
 <400> 1

Met Cys Asp Leu Pro Gln Thr His Ser Leu Gly Asn Arg Arg Ala Leu
 1 5 10 15

Ile Leu Leu Ala Gln Met Arg Arg Ile Ser Pro Phe Ser Cys Leu Lys
 20 25 30

Asp Arg His Asp Phe Gly Phe Pro Gln Glu Glu Phe Asp Gly Asn Gln
 35 40 45

Phe Gln Lys Ala Gln Ala Ile Ser Val Leu His Glu Met Ile Gln Gln
 50 55 60

Thr Phe Asn Leu Phe Ser Thr Lys Asp Ser Ser Ala Ala Trp Asp Glu
 65 70 75 80

Ser Leu Leu Glu Lys Phe Tyr Thr Glu Leu Tyr Gln Gln Leu Asn Asp
 85 90 95

Leu Glu Ala Cys Val Ile Gln Glu Val Gly Val Glu Glu Thr Pro Leu
 100 105 110

Met Asn Val Asp Ser Ile Leu Ala Val Lys Lys Tyr Phe Gln Arg Ile
 115 120 125

Thr Leu Tyr Leu Thr Glu Lys Lys Tyr Ser Pro Cys Ala Trp Glu Val
 130 135 140

Val Arg Ala Glu Ile Met Arg Ser Phe Ser Leu Ser Thr Asn Leu Gln
 145 150 155 160

Sequence listing-English

Glu Arg Leu Arg Arg Lys Glu
165

<210> 2
<211> 504
<212> DNA
<213> Artificial Sequence

<220>
<223> Nucleotide sequence encoding recombinant interferon

<400> 2
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cagatgcgtc gtatctcccc gttctcctgc ctgaaagacc gtcacgactt cggtttcccg 120
caggaagaat tgcacggtaa ccagttccag aaagctcagg ctatctccgt tctgcacgaa 180
atgatccagc agaccttcaa cctgtttctcc accaaagact cctccgctgc ttgggacgaa 240
tccctgctgg aaaaattcta caccgaactg taccagcagc tgaacgacct ggaagcttgc 300
gttatccagg aagttgggtgt tgaagaaacc ccgctgatga acgttgactc catcctggct 360
gttaaaaaat acttccagcg tatcaccctg tacctgaccg aaaaaaata ctccccgtgc 420
gcttggaag ttgttcgtgc tgaaatcatg cgttccttct ccctgtccac caacctgcag 480
gaacgtctgc gtcgtaaaga ataa 504

<210> 3
<211> 504
<212> DNA
<213> Artificial Sequence

<220>
<223> Nucleotide sequence encoding recombinant interferon

<400> 3
tacacgctgg acggcgtctg ggtgaggac ccattggcag cacgagacta ggacgaccga 60
gtctacgcag catagagggg caagaggacg gactttctgg cagtgtgaa gccaaagggc 120
gtccttctta agctgccatt ggtcaaggctc tttcgagtcc gatagaggca agacgtgctt 180
tactaggtcg tctggaagtt ggacaagagg tggtttctga ggaggcgacg aaccctgctt 240
agggacgacc tttttaagat gtggcttgac atggctgctg acttgctgga ccttcgaacg 300
caataggtcc ttcaaccaca acttctttgg ggcgactact tgcaactgag gtaggaccga 360
caatttttta tgaaggctgc atagtgggac atggactggc ttttttttat gaggggcacg 420
cgaacccttc aacaagcacg acttttagtac gcaaggaaga gggacaggtg gttggacgtc 480
cttgacagcg cagcatttct tatt 504

<210> 4
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Amino acid sequence of AB loop

Sequence listing-English

<400> 4

Ser Pro Phe Ser Cys Leu Lys Asp Arg
1 5

<210> 5

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Amino acid sequence of BC loop

<400> 5

Asp Gly Asn Gln Phe Gln Lys Ala Gln
1 5