*m*IL-22 VersaClone cDNA

Catalog Number: RDC1962

Specifications:

Gene:	*m*Il22
Accession:	NP_058667
Insert size:	553bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

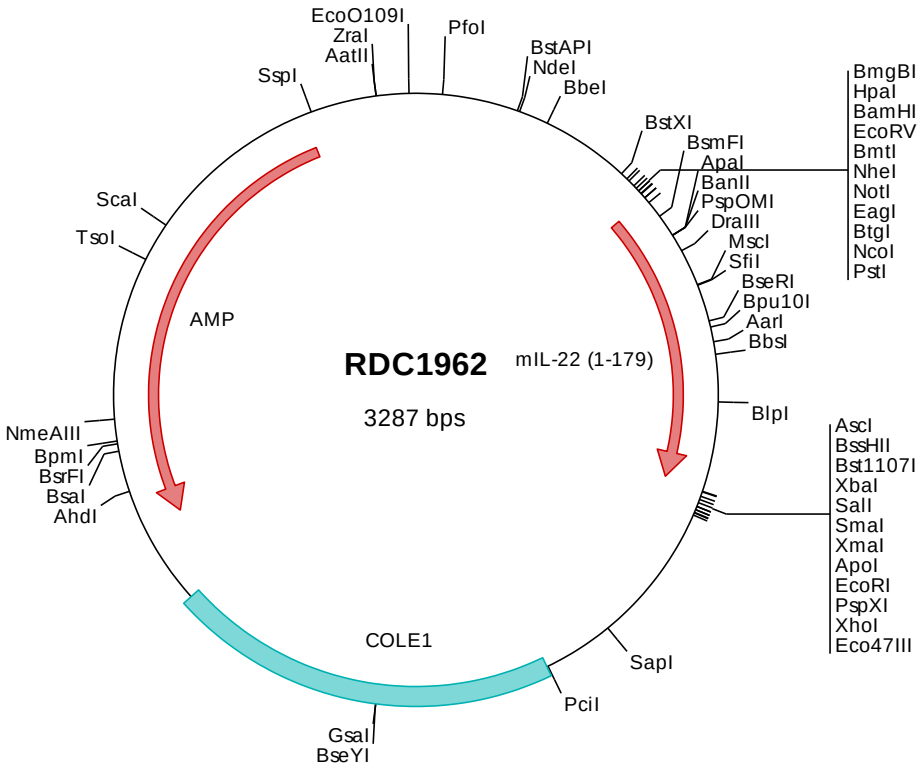
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*IL-22 cDNA Plasmid

Il22 interleukin 22 [*Mus musculus* (house mouse)]

Also known as: IL-22; Iltif; IL-22a; ILTIFa

Summary:
IL-22 is a cytokine that contributes to the inflammatory response in vivo. IL-22 binds to a heterodimeric receptor complex made up of IL21R1 and IL10R2. IL-22 has been shown to activate STAT-1 and STAT-3 in several hepatoma cell lines and upregulate the production of acute phase proteins. IL-22 is produced by normal T cells upon anti-CD3 stimulation in humans.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC1962 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atggctgtcc tgcagaaatc tatgagtttt tcccttatgg ggactttggc
 501  cgccagctgc ctgcttctca ttgccctgtg ggcccaggag gcaaatgcgc tgcccgtcaa cacccggtgc aagcttgagg tgtccaactt ccagcagcca
 601  tacatcgtca accgcacctt tatgctggcc aaggaggcca gccttgcaga taacaacaca gatgtccggc tcatcgggga gaaactgttc cgaggagtca
 701  gtgctaagga tcagtgctac ctgatgaagc aggtgctcaa cttcaccctg gaagacgttc tgctccccca gtcagacagg ttccagccct acatgcagga
 801  ggtggtgcct ttcctgacca aactcagcaa tcagctcagc tcctgtcaca tcagcggtga cgaccagaac atccagaaga atgtcagaag gctgaaggag
 901  acagtgaaaa agcttggaga gagtggagag atcaaggcga ttggggaact ggacctgctg tttatgtctc tgagaaatgc ttgcgtctaa aggcgcgcca
1001  gtatactcta gagtcgacac ccggggaatt cctcgagcgc tcgtctctag cttggcgtaa tcatggtcat agctgtttcc tgtgtgaaat tgttatccgc
1101  tcacaattcc acacaacata cgagccggaa gcataaagtg taaagcctgg ggtgcctaat gagtgagcta actcacatta attgcgttgc gctcactgcc
1201  cgctttccag tcgggaaacc tgtcgtgcca gctgcattaa tgaatcggcc aacgcgcggg gagaggcggt ttgcgtattg ggcgctcttc cgcttcctcg
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1801  cttatcgcca ctggcagcag ccactggtaa caggattagc agagcgaggt atgtaggcgg tgctacagag ttcttgaagt ggtggcctaa ctacggctac
1901  actagaagga cagtatttgg tatctgcgct ctgctgaagc cagttacctt cggaaaaaga gttggtagct cttgatccgg caaacaaacc accgctggta
2001  gcggtggttt ttttgtttgc aagcagcaga ttacgcgcag aaaaaaagga tctcaagaag atcctttgat cttttctacg gggtctgacg ctcagtggaa
2101  cgaaaactca cgttaaggga ttttggtcat gagattatca aaaaggatct tcacctagat ccttttaaat taaaaatgaa gttttaaatc aatctaaagt
2201  atatatgagt aaacttggtc tgacagttac caatgcttaa tcagtgaggc acctatctca gcgatctgtc tatttcgttc atccatagtt gcctgactcc
2301  ccgtcgtgta gataactacg atacgggagg gcttaccatc tggccccagt gctgcaatga taccgcgaga cccacgctca ccggctccag atttatcagc
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2501  agttcgccag ttaatagttt gcgcaacgtt gttgccattg ctacaggcat cgtggtgtca cgctcgtcgt ttggtatggc ttcattcagc tccggttccc
2601  aacgatcaag gcgagttaca tgatccccca tgttgtgcaa aaaagcggtt agctccttcg gtcctccgat cgttgtcaga agtaagttgg ccgcagtgtt
2701  atcactcatg gttatggcag cactgcataa ttctcttact gtcatgccat ccgtaagatg cttttctgtg actggtgagt actcaaccaa gtcattctga
2801  gaatagtgta tgcggcgacc gagttgctct tgcccggcgt caatacggga taataccgcg ccacatagca gaactttaaa agtgctcatc attggaaaac
2901  gttcttcggg gcgaaaactc tcaaggatct taccgctgtt gagatccagt tcgatgtaac ccactcgtgc acccaactga tcttcagcat cttttacttt
3001  caccagcgtt tctgggtgag caaaaacagg aaggcaaaat gccgcaaaaa agggaataag ggcgacacgg aaatgttgaa tactcatact cttccttttt
3101  caatattatt gaagcattta tcagggttat tgtctcatga gcggatacat atttgaatgt atttagaaaa ataaacaaat aggggttccg cgcacatttc
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> RDC1962 Translated Insert Sequence

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