*m*IFN-α H2/IFNA14 VersaClone cDNA

Catalog Number: RDC2414

Specifications:

Gene:	*m*Ifna14
Accession:	NP_996858
Insert size:	583bp
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

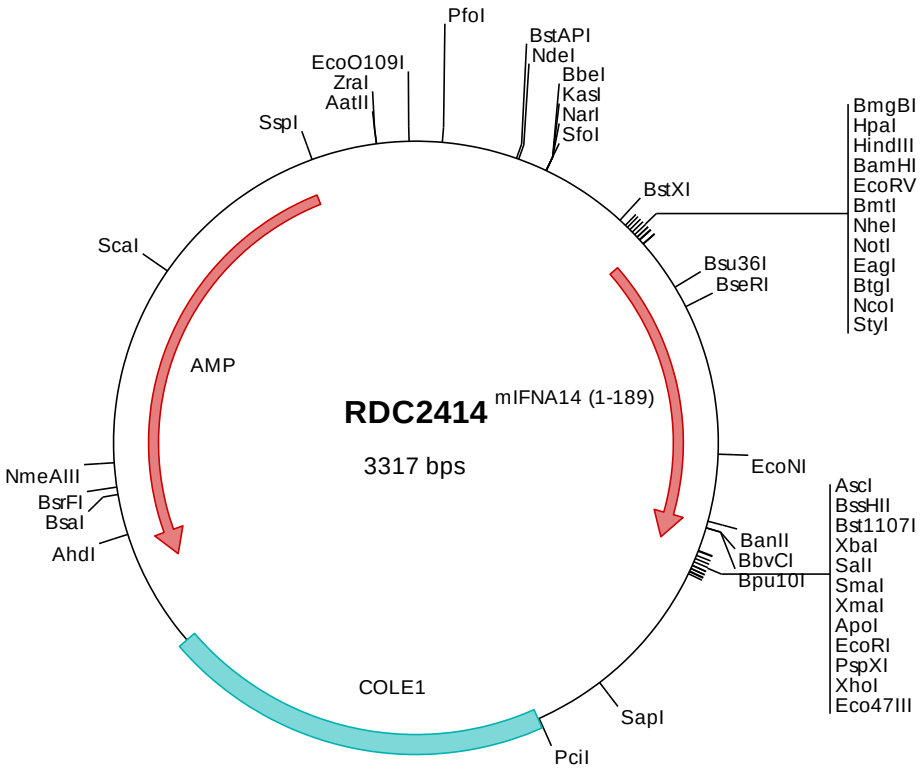
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*IFN-α H2/IFNA14 cDNA Plasmid

Ifna14 interferon alpha 14 [*Mus musculus* (house mouse)]

Summary:

IFNA14 is a member of the type I interferon family which share a common cell surface receptor composed of two subunits, a ligand-binding subunit (IFN-alpha R2) and a ligand binding and signal transduction subunit (IFN-alpha R1) that is involved both in ligand binding and signal transduction. IFNA14 has both anti-viral and immunomodulatory activities on target cells.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC2414 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
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 501  gtcaacctgc tgtctaggat gtgacctgcc tcagactcat aacctcagga acaagagagc cttgacactt ctggtaaaaa tgaggagact ctcccctctc
 601  tcctgcctga aggaccggaa ggactttgga ttcccgcagg agaaggtgga tgcccagcag atcaagaagg ctcaagccat ccctgtcctg agtgagctga
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1101  agctgtttcc tgtgtgaaat tgttatccgc tcacaattcc acacaacata cgagccggaa gcataaagtg taaagcctgg ggtgcctaat gagtgagcta
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1901  ttcttgaagt ggtggcctaa ctacggctac actagaagga cagtatttgg tatctgcgct ctgctgaagc cagttacctt cggaaaaaga gttggtagct
2001  cttgatccgg caaacaaacc accgctggta gcggtggttt ttttgtttgc aagcagcaga ttacgcgcag aaaaaaagga tctcaagaag atcctttgat
2101  cttttctacg gggtctgacg ctcagtggaa cgaaaactca cgttaaggga ttttggtcat gagattatca aaaaggatct tcacctagat ccttttaaat
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2301  tatttcgttc atccatagtt gcctgactcc ccgtcgtgta gataactacg atacgggagg gcttaccatc tggccccagt gctgcaatga taccgcgaga
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3001  acccaactga tcttcagcat cttttacttt caccagcgtt tctgggtgag caaaaacagg aaggcaaaat gccgcaaaaa agggaataag ggcgacacgg
3101  aaatgttgaa tactcatact cttccttttt caatattatt gaagcattta tcagggttat tgtctcatga gcggatacat atttgaatgt atttagaaaa
3201  ataaacaaat aggggttccg cgcacatttc cccgaaaagt gccacctgac gtctaagaaa ccattattat catgacatta acctataaaa ataggcgtat
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> RDC2414 Translated Insert Sequence

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101  datlldsfcn dlntqlndlq gclmqqveiq appltqedsl lavrkyfhri tvylrekkhs pcawevvrae iwralsssak lltslkeek
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