*m*IFN-α13 VersaClone cDNA

Catalog Number: RDC2378

Specifications:

Gene:	*m*Ifna13
Accession:	NP_796321
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

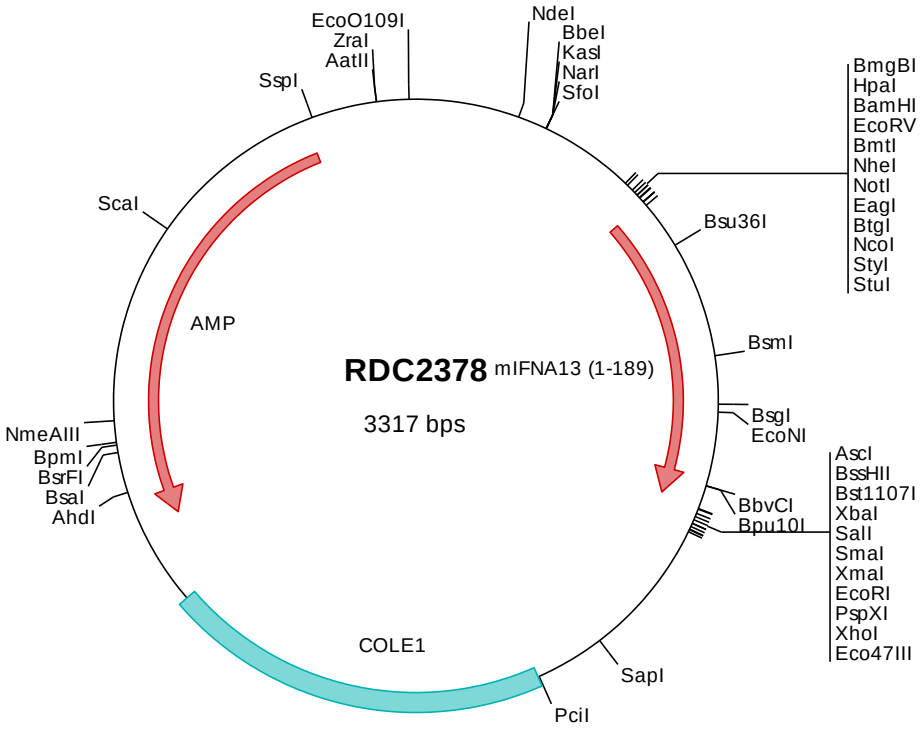
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*IFN-α13 cDNA Plasmid

Ifna13 interferon alpha 13 [*Mus musculus* (house mouse)]

Summary:

IFNA13 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. IFNA13 has both anti-viral and immunomodulatory activities on target cells.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

R&D SYSTEMS
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> RDC2378 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 atggctaggc cttgtgcttt cctgatggtt ttggtggtgt tgagctactg
 501  gtcagcctgc tctctaggat gtgacctgcc tcagactcat aacctcagga acaagagagc cttgactctc ctggaacaaa tgaggagact ctcccctctt
 601  tcctgtctga aggacagaaa ggactttgga ttcccacagg agaaggtgga tgcccagcag atcaagaagg ctcaagccat ccctttttgtt catgagctga
 701  cccagcagat cctgaccctc ttcacatcaa atgactcatc tgctgcatgg aatgcaaccc tcctagactc attctgcaat gacctccatc agcagctcaa
 801  tgacctcaaa gcttgtctga tgcagcaggt tggggtgcag gaatttcccc tgacccagga agactccctg ctggctgtga ggaaatactt ccacagcatc
 901  actgtgtacc tgagagagaa gaaacacagc ccctgtgcct gggaggtggt cagagcagaa gtccagagaa ccctgtcttc ctcagccaac ttgctggcaa
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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
2201  taaaaatgaa gttttaaatc aatctaaagt atatatgagt aaacttggtc tgacagttac caatgcttaa tcagtgaggc acctatctca gcgatctgtc
2301  tatttcgttc atccatagtt gcctgactcc ccgtcgtgta gataactacg atacgggagg gcttaccatc tggccccagt gctgcaatga taccgcgaga
2401  cccacgctca ccggctccag atttatcagc aataaaccag ccagccggaa gggccgagcg cagaagtggt cctgcaactt tatccgcctc catccagtct
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3101  aaatgttgaa tactcatact cttccttttt caatattatt gaagcattta tcagggttat tgtctcatga gcggatacat atttgaatgt atttagaaaa
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> RDC2378 Translated Insert Sequence

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