

Specifications:

Gene:	hIFNA5
Accession:	NP_002160
Insert size:	616bp
Concentration:	10 μ g at 0.2 μ g/ μ L

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.

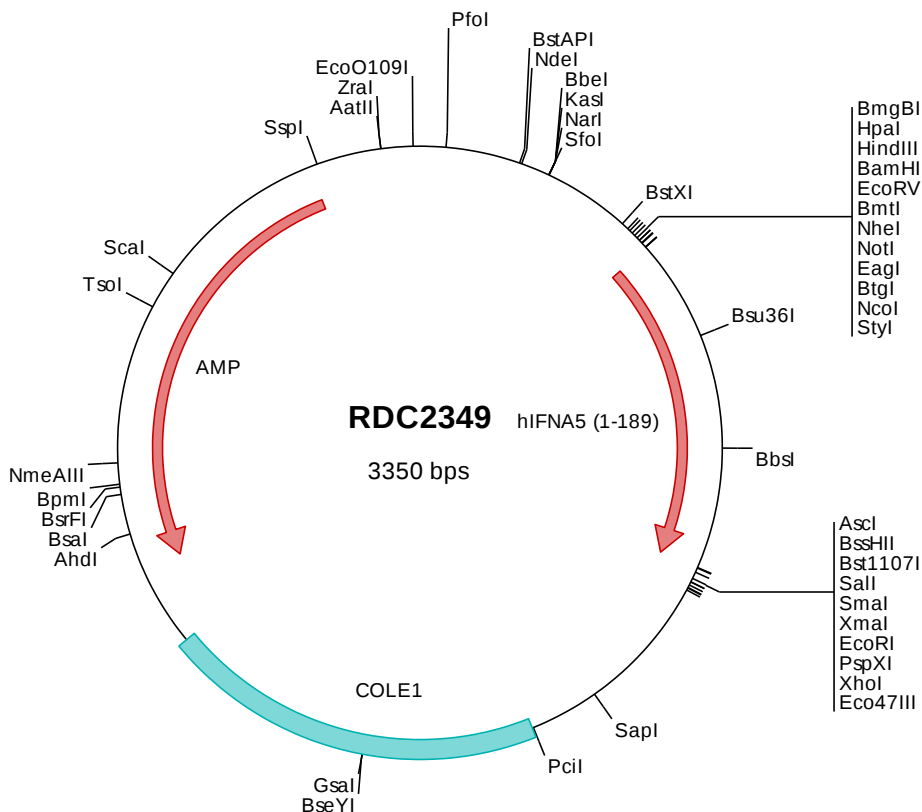
hIFN- α 5 cDNA Plasmid

IFNA5 interferon alpha 5 [*Homo sapiens* (human)]

Also known as: INA5; INFA5; IeIF G; IFN-alphaG; IFN-alpha-5

Summary:

IFNA5 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. IFNA5 has both anti-viral and immunomodulatory activities on target cells.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2349 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgtcg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgatatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcacc atggccttgc cctttgtttt actgatggcc ctggtggtgc tcaactgcaa
501  gtcaatctgt tctctgggct gtgatctgco tcagacccc agcctgagta acaggaggac tttgatgata atggcacaaa tgggaagaat ctctcctttc
601  tcctgcttga aggacagaca tgactttgga tttctcagg aggagtttga tggcaaccag ttccagaagg ctcaagccat ctctgtcttc catgagatga
701  tcacgcagac cttcaatctc ttcagcacia aggactcaco tgctacttgg gatgagacac ttctagacaa attctacact gaactttacc agcagctgaa
801  tgacctggaa gcctgtatga tcaggagagt tggagtggaa gacactcttc tgatgaatgt ggactctatc ctgactgtga gaaaaacttt tcaagaatct
901  accctctatc tgacagagaa gaaatacagc ccttctgcat gggaggttgt cagagcagaa atcatgagat ccttctcttt atcagcaaac ttgcaagaaa
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> RDC2349 Translated Insert Sequence

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