

Specifications:

Gene:	<i>mIfna6</i>
Accession:	NP_996754
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.

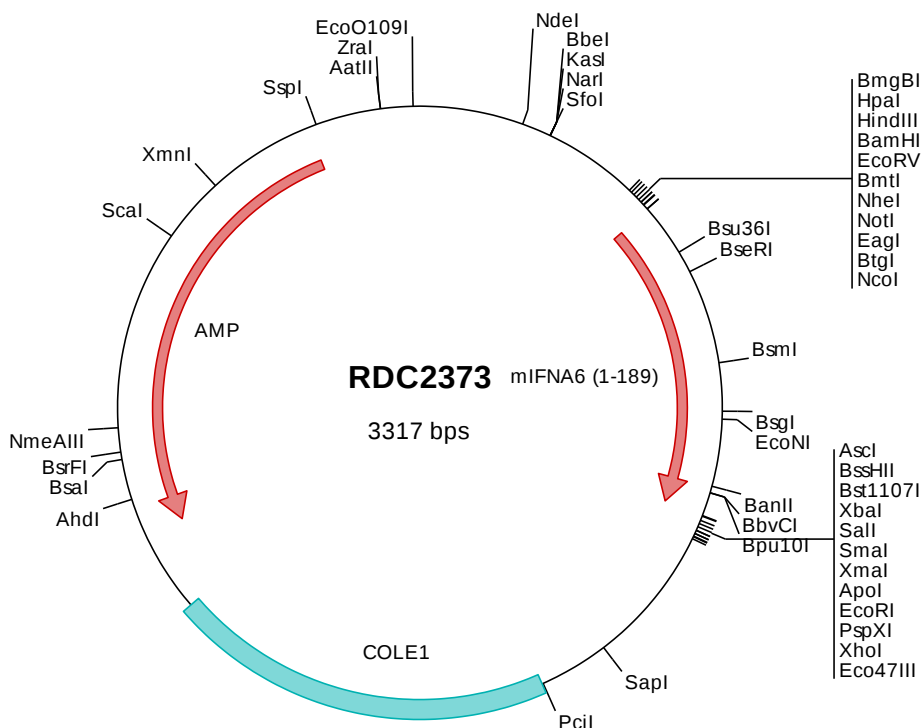
mIFN-α6 cDNA Plasmid

Ifna6 interferon alpha 6 [*Mus musculus* (house mouse)]

Also known as: Ifa6; Ifa8; Ifna8;
IFNa8/6

Summary:

IFNA6 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. IFNA6 has both anti-viral and immunomodulatory activities on target cells.



> RDC2373 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaaac 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 aaggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggatgtgtcg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgat
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcacc atggctaggc tctgtgcttt cctgatggtt ttggtggtgt tgagctactg
501  gtcaacctgc tctctaggat gtgacctgcc tcagactcat aacctcagga acaagaaagc cttgacactc ctggtacaaa tgaggagact ctccccctc
601  tcctgctga aggacaggaa ggactttgga ttcccccttg agaaggtgga tgcccagcag atccaggagg ctcaagccat ccctgtcctg actgagctga
701  ccagcgagat cctgaccctc ttcacatcaa aggactcatc tgctgcattg aatgcaacc tcctagactc attctgcaat gacctcatc agcagctcaa
801  tgacctcaaa gcctgtgtga tgaggaggt gggggtgcag gaatctcccc tgaccagga agactccctg ctggctgtga ggacataact ccacaggatc
901  actgtgtacc tgagagagaa gaaacacagc ccctgtgcct gggaggtggt cagagcagaa gtctggagag ccctgtcttc ctcagccaag ttgtctggcaa
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2201 taaaaatgaa gttttaaatc aatctaaaat atatatgagt aaacttggtc tgacagttaac caatgcttaa tcagttaggc acctatctca gcgattctgc
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3201 ataaacaaat aggggttccc cgcacatttc cccgaaaagt gccacctgac gtctaagaaa ccattattat catgacatta accataaaaa ataggcgtat
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> RDC2373 Translated Insert Sequence

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1   marlcaflmv lvvlswstc slgcdlpqth nlrnkaltl lvqmrrlsp lclkrkdfg fplekvdaq iqeaqipvl teltqqiltl ftskdssaaw
101  natllsdfcn dlhqqlndlk acvmqevgvs espltqeds l lavrtyfhri tvyrekhs pcawevvrae vwalssak llarlssede

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