

Specifications:

Gene:	cynoIFNAR1
Accession:	EHH61907
Insert size:	1693bp
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

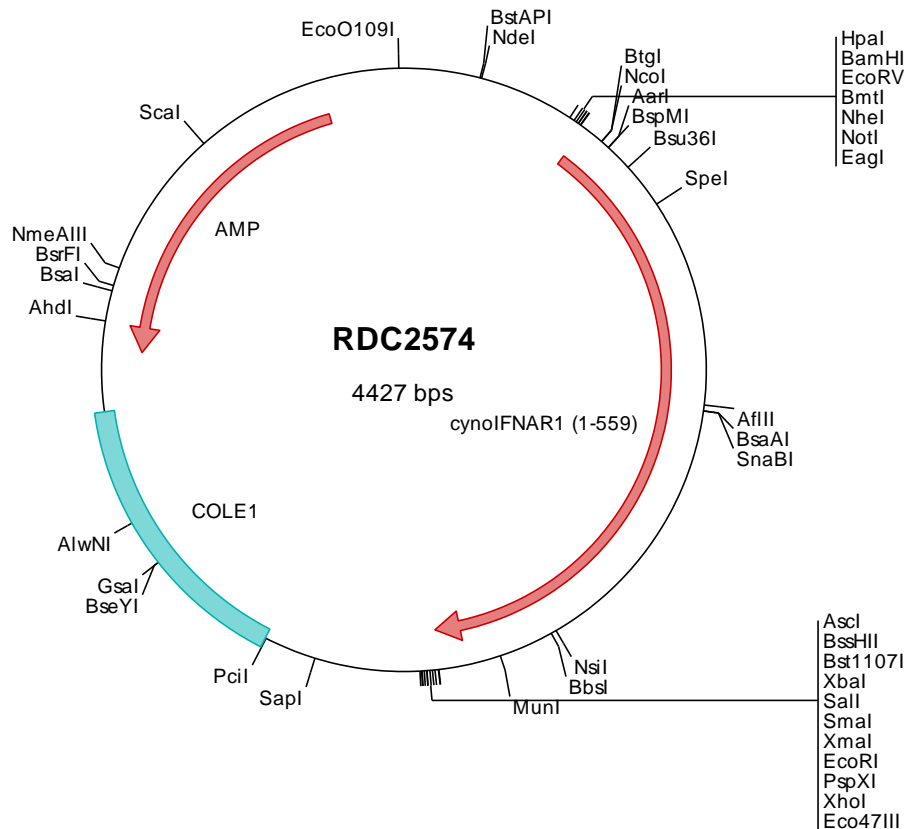
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

cynoIFN- α/β R1 cDNA Plasmid

IFNAR1 interferon alpha and beta receptor subunit 1
[*Macaca fascicularis* (crab-eating macaque)]

Summary:

IFNAR1 is a type I membrane protein that forms one of the two chains of a receptor for interferons alpha and beta. Binding and activation of IFNAR1 stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. It also functions as an antiviral factor.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2574 Plasmid DNA Sequence

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1 tcgcgcgctt cgggatgatgac ggtgaaaaacc totgacacat gcagctcccg gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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201 ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgcatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301 tacgcccagct ggcgaaaagg ggatgtgctg caaggcgatt aagttgggta acgcccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgat
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggcgcgcaacc atgatgggtca cctcctctgt cgcgacgacc ctagtgtgg tcaccttggc
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> RDC2574 Translated Insert Sequence

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