

## Specifications:

Gene:	hIFNAR1
Accession:	AAA52730
Insert size:	1687bp
Concentration:	10 $\mu$ g at 0.2 $\mu$ g/ $\mu$ L

## hIFN- $\alpha/\beta$ R1 cDNA Plasmid

**IFNAR1 interferon (alpha, beta and omega) receptor 1 [ *Homo sapiens* (human) ]**

**Also known as:** AVP; IFRC; IFNAR; IFNBR; IFN-alpha-REC

### Summary:

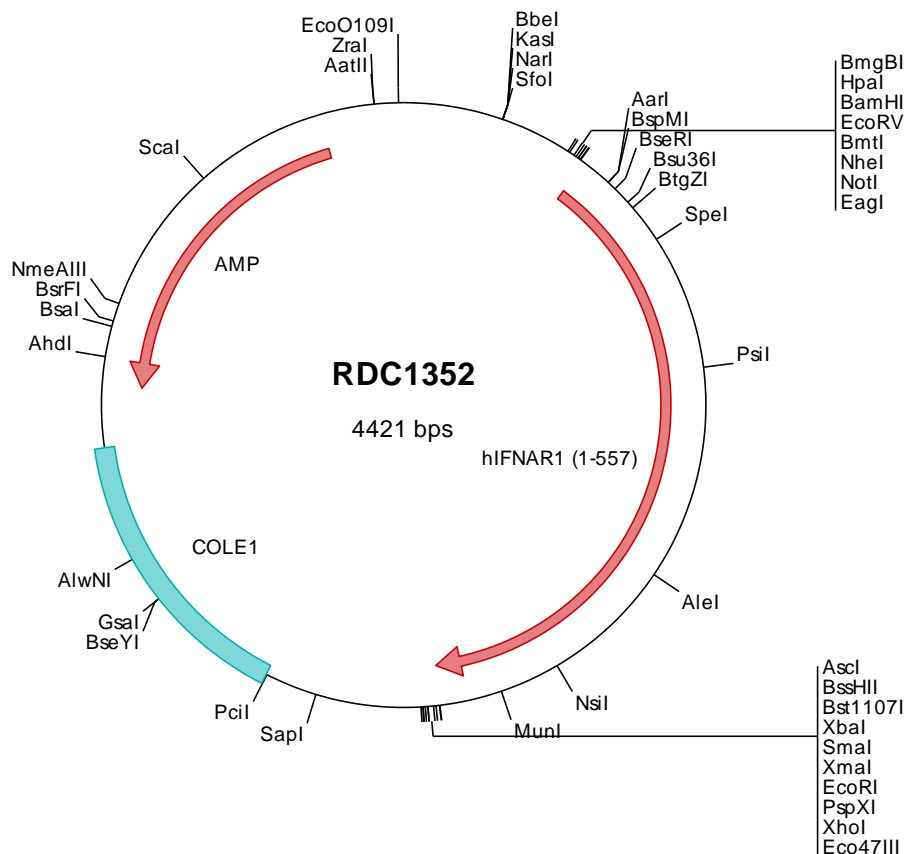
IFNAR1 is a type I membrane protein that forms one of the two chains of a receptor for interferons alpha and beta. Binding and activation of IFNAR1 stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. It also functions as an antiviral factor.

## 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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1352 Plasmid DNA Sequence

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> RDC1352 Translated Insert Sequence

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