

## Recombinant Human IFNAR1 Protein, Fc-tagged

Cat. No. IFNAR1-294H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human IFNAR1 protein with Fc tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	557
<b>Description</b>	The protein encoded by this gene 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 the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. The protein belongs to the type II cytokine receptor family and functions as an antiviral factor.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	73.8 kDa
<b>AA Sequence</b>	MMVVLLGATTLVLVAVAPWVLSAAAGGKNLKSPQKVEVDIIDDNFILRWNRSDESVG NVTFSFDYQKTGMDNWIKLSGCQNITSTKCNFSSLKLNVEEIKLRIRAEKENTSSW YEVDSTFPFRKAQIGPPEVHLEAEDKAIVIHISPGTKDSVMWALDGLSFTYSLVIWKN SSGVEERIENIYSRHKIYKLSPEPTYCLKVKAALLTSWKIGVYSPVHCIKTTVENELPP PENIEVSVQNNQNYVLKWDYTYANMTFQVQWLHAFLLKRNPGNHLYKWKQIPDCENV KTTQCVFPQNVFQKGIYLLRVQASDGNNTSFWSEEIKFDTEIQAFLLPPVFNIRSLSD SFHIYIGAPKQSGNTPVIQDYPLIYEIIFWENTSNAERKIIKKTDTVLPNLKPLTVYCV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KARAHTMDEKLNKSSVFSDAVCEKTKPGNTSKIWLIVGICIALFALPFVIYAAKVFLRCI  
 NYVFFPSLKPSSSIDEYFSEQPLKNLLSTSEEQIEKCFIENISTIATVEETNQDDEDH  
 KKYSSQTSQDSGNYSNEDESESKTSEELQQDFV

**Purity** > 98%

**Applications** WB; ELISA; FACS; FC

**Stability** This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

**Storage** At -20 centigrade.

**Concentration** 1 mg/mL

**Storage Buffer** PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

**Reconstitution** Reconstitute in sterile distilled H<sub>2</sub>O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## GENE INFORMATION

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

**Official Symbol** IFNAR1

**Synonyms** IFNAR1; interferon (alpha, beta and omega) receptor 1; IFNAR; interferon alpha/beta receptor 1; IFRC; CRF2-1; IFN-R-1; IFN-alpha/beta receptor 1; interferon-beta

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receptor 1; beta-type antiviral protein; alpha-type antiviral protein; type I interferon receptor 1; cytokine receptor class-II member 1; cytokine receptor family 2 member 1; interferon-alpha/beta receptor alpha chain; AVP; IFNBR; IFN-alpha-REC;

**Gene ID** [3454](#)

**mRNA Refseq** [NM\\_000629](#)

**Protein Refseq** [NP\\_000620](#)

**MIM** [107450](#)

**UniProt ID** [P17181](#)

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