

Recombinant Human IFNAR1 Protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant human IFNAR1 protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	557
Description	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.
Form	Lyophilized
Molecular Mass	73.8 kDa
AA Sequence	MMVVLLGATTLVLVAVAPWVLSAAAGGKNLSPQKVEVDIIDDNFILRWNRSDESVG NVTFSFDYQKTGMDNWIKLSGCQNITSTKCNFSSLKLNVEEIKLRIRAEKENTSSW YEVDSTFPFRKAQIGPPEVHLEAEDKAIVIHISPGTKDSVMWALDGLSFTYSLVIWKN SSGVEERIENIYSRHKIYKLSPETTYCLKVKAALLTSWKIGVYSPVHCIKTTVENELPP PENIEVSVQNQNYVLKWDYTYANMTFQVQWLHAFILKRNPGNHLYKWKQIPDCENV KTTQCVFPQNVFQKGIYLLRVQASDGNNTSFWSEEIKFDTEIQAFLPPVFNIRSLSD SFHIYIGAPKQSGNTPVIQDYPLIYEIIFWENTSNAERKIIKKTDVTPNLKPLTVYCV

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KARAHTMDEKLNKSSVFSDAVCEKTKPGNTSKIWLIVGICIALFALPFVIYAAKVFLRCI
 NYVFFPSLKPSSSIDEYFSEQPLKNLLSTSEEQIEKCFIENISTIATVEETNQTDDEH
 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 ₂ 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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