

Recombinant Human IFNAR1 Protein, His-tagged

Cat. No. IFNAR1-946H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNAR1 fused with His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 encoded protein also functions as an antiviral factor.
Form	Lyophilized from a 0.2 M filtered solution of 20mM PB, 150mM NaCl, pH 7.2
Molecular Mass	48.18kD
AA Sequence	KNLKSPQKVEVDIIDDNFILRWNRSDSVGNVTFSFDYQKTGMDNWIKLSGCQNITS TKCNFSSLKLNVEEIKLRIRAEKENTSSWYEVDSTFPFRKAQIGPPEVHLEADKAI VIHISPGTKDSVMWALDGLSFTYSLVIWKNSSGVEERIENIYSRHKIYKLSPETTYCLK VKAALLTSWKIGVYSPVHCIKTTVENELPPPENIEVSVQNQNYVLKWDYTYANMTFQ VQWLHAFLKRNPNGNHLYKWKQIPDCENVKTTQCVFPQNVFQKGIYLLRVQASDGN NTSFWSEEIKFDTEIQAFLLPPVFNIRSLSDSFHIYIGAPKQSGNTPVIQDYPLIYEIIFW ENTSNAERKIIKKTDTVTPNLKPLTVYCVKARAHTMDEKLNKSSVFSDAVCEKTKP GNTSKLDHHHHHH

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Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
GENE INFORMATION	
Gene Name	IFNAR1 interferon (alpha, beta and omega) receptor 1 [Homo sapiens]
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 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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