

Recombinant Human IFNAR1 protein, His-tagged

Cat. No. IFNAR1-5633H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNAR1 protein(376-557 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	376-557 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	NTSNAERKIIKKTDVTPNLKPLTVYCVKARAHTMDEKLNKSSVFSDAVCEKTKPG NTSKIWLIVGICIALFALPFVIYAAKVFLRCINIVFFPSLKPSSSIDEYFSEQPLKNLLLS TSEEQIEKCFIENISTIATVEETNQTDEDHKKYSSQTSQDSGNYSNEDESESKTSEEL QQDFV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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

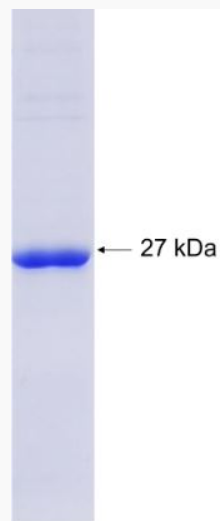
UniProt ID P17181

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SDS-PAGE



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