

Recombinant Human IFNAR1 protein, His-tagged

Cat. No. IFNAR1-6938H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNAR1 aa. (Leu25~Ser146) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu25~Ser146
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	Freeze-dried powder
Molecular Mass	18kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
GENE INFORMATION	
Gene Name	IFNAR1 interferon alpha and beta receptor subunit 1 [Homo sapiens (human)]
Official Symbol	IFNAR1
Synonyms	IFNAR1; interferon alpha and beta receptor subunit 1; AVP; IFRC; IFNAR; IFNBR; IFN-alpha-REC; interferon alpha/beta receptor 1; CRF2-1; IFN-R-1; IFN-alpha/beta receptor 1; alpha-type antiviral protein; beta-type antiviral protein; cytokine receptor class-II member 1; cytokine receptor family 2 member 1; interferon (alpha, beta and omega) receptor 1; interferon receptor 1; interferon-alpha/beta receptor alpha chain; interferon-beta receptor 1; type I interferon receptor 1
Gene ID	3454
mRNA Refseq	NM_000629.2

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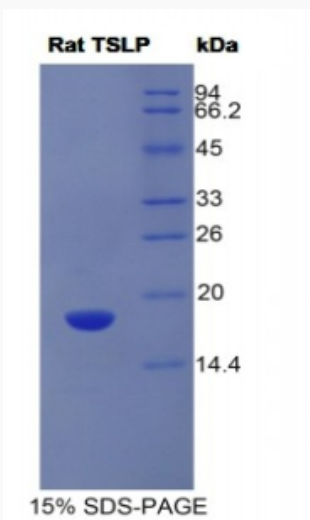
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Protein Refseq NP_000620.2

UniProt ID P17181

SDS-PAGE



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