

Recombinant Human IFNAR2 protein, His & T7-tagged

Cat. No. IFNAR2-1152H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNAR2 aa. (Ile27~Lys243 (Accession # P48551) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ile27~Lys243
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. Multiple transcript variants encoding at least two different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.5kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 4.9.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	IFNAR2 interferon alpha and beta receptor subunit 2 [Homo sapiens (human)]
Official Symbol	IFNAR2
Synonyms	IFNAR2; interferon alpha and beta receptor subunit 2; IFN-R; IMD45; IFNABR; IFNARB; IFN-alpha-REC; interferon alpha/beta receptor 2; IFN-R-2; IFN-alpha/beta receptor 2; human interferon alpha/beta receptor; interferon (alpha, beta and omega) receptor 2; interferon alpha binding protein; interferon receptor; interferon-alpha/beta receptor beta chain; type I interferon receptor 2
Gene ID	3455
mRNA Refseq	NM_000874.4

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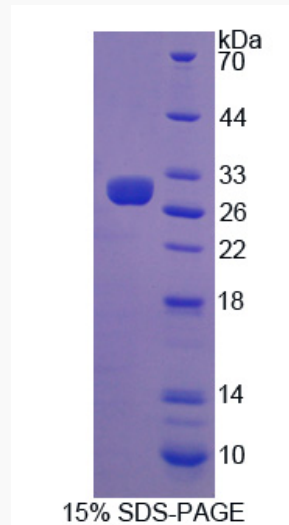
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Protein Refseq NP_000865.2

UniProt ID P48551

SDS-PAGE



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