Active Recombinant Human IFNAR2 protein, Fc-tagged

Cat. No. IFNAR2-214H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNAR2 protein(Ile 27 - Lys 243), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-243 a.a.
Form	Lyophilized from 0.22 μm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Human IFN-alpha 1, His Tag on HIS1K Biosensor, can bind Human IFNAR2, Fc Tag with an affinity constant of 19.5 nM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 51.4 kDa. The protein migrates as 66-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ile27-Lys243
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	IFNAR2 interferon (alpha, beta and omega) receptor 2 [Homo sapiens]
Official Symbol	IFNAR2
Synonyms	IFNAR2; interferon (alpha, beta and omega) receptor 2; IFNABR; interferon alpha/beta receptor 2; IFN-R-2; IFN-alpha binding protein; IFN-alpha/beta receptor 2; type I interferon receptor 2; interferon alpha binding protein; human interferon alpha/beta receptor; interferon-alpha/beta receptor beta chain; IFN-R; IFNARB; IFN-alpha-REC;
Gene ID	3455
mRNA Refseq	NM_000874
Protein Refseq	NP_000865
MIM	602376
UniProt ID	P48551

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