

Recombinant Human IFNAR2 protein(Met1-Lys243), His-tagged

Cat. No. IFNAR2-3349H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNAR2(NP_997468.1) (Met 1-Lys 243) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-243 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to inhibit rh IFN β mediated protection of WISH Human amnion cells infected with vesicular stomatitis virus (VSV) to viral lysis. The EC50 for this effect is typically 1-4 μ g/mL.
Molecular Mass	The recombinant human IFNAR2 consists of 228 amino acids and predicts a molecular mass of 26.2 kDa. As a result of glycosylation, the rh IFNAR2 migrates as an approximately 45 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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