

Active Recombinant Human IFNA2 protein, Fc-tagged

Cat. No. IFNA2-0256H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNA2 protein(Cys24-Glu188), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	24-188 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human IFNAR2, His Tag at 5 µg/mL (100 µL/well) can bind Human IFN-alpha 2b (K46R), Fc Tag with a linear range of 2.4-10 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminusThe protein has a calculated MW of 45.7 kDa. The protein migrates as 47-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Cys24-Glu188
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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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 IFNA2 interferon, alpha 2 [Homo sapiens]

Official Symbol IFNA2

Synonyms IFNA2; interferon, alpha 2; interferon alpha-2; alpha 2a interferon; IFN alphaA; IFNA; interferon alpha 2b; interferon alpha A; IeIF A; IFN-alpha-2; alpha-2a interferon; INFA2; IFNA2B; IFN-alphaA; MGC125764; MGC125765;

Gene ID 3440

mRNA Refseq NM_000605

Protein Refseq NP_000596

MIM 147562

UniProt ID P01563

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