

Active Recombinant Human IFNA4 protein, hFc-tagged

Cat. No. IFNA4-29H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNA4 protein(NP_066546.1)(Cys23-Asp189), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	23-189 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured in antiviral assays using WISH human amnion cells infected with vesicular stomatitis virus (VSV).The EC50 for this effect is 0.2-1 ng/mL.
Molecular Mass	The recombinant human Fc/IFN-α4a is a disulfide-linked homodimeric protein. The reduced monomer consists of 403 amino acids and has a predicted molecular mass of 46 kDa. As a result of glycosylation, the apparent molecular mass of rh Fc/IFN-α4a monomer is approximately 50 kDa in SDS-PAGE under reducing conditions.
Proteinlength	Cys23-Asp189
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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	IFNA4 interferon, alpha 4 [Homo sapiens]
Official Symbol	IFNA4
Synonyms	IFNA4; interferon, alpha 4; interferon alpha-4; IFN alpha4a; MGC142200; IFN-alpha-4; interferon alpha-4B; interferon alpha-76; interferon alpha-M1; INFA4; IFN-alpha4a;
Gene ID	3441
mRNA Refseq	NM_021068
Protein Refseq	NP_066546
MIM	147564
UniProt ID	P05014

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