

Active Recombinant Cynomolgus IFNA4 protein, mFc-tagged

Cat. No. IFNA4-8840C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IFNA4 protein()(Met1-Asn189), fused with mFc tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Asn189
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 assay using WISH human amnion cells infected with vesicular stomatitisvirus (VSV).The ED50 for this effect is 0.03-0.3 ng/mL.
Molecular Mass	The recombinant cynomolgus IFNA4 is a disulfide-linked homodimer. The reduced monomer comprises 400 amino acids and has a calculated molecular mass of 45.6 KDa.The apparent molecular mass of the protein is approximately 48 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

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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.

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