

Active Recombinant Cynomolgus IFNA8 protein, mFc-tagged

Cat. No. IFNA8-2195C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IFNA8 protein(G7PS89)(Met1-Glu189), fused with mFc tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Glu189
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 in antiviral assay using WISH human amnion cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is typically 0.1-0.6 ng/mL.
Molecular Mass	The recombinant cynomolgus IFNA8 is a disulfide-linked homodimer. The reduced monomer comprises 400 amino acids and has a calculated molecular mass of 46 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	> 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.

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