

Active Recombinant Mouse IFNa4 protein, His-tagged

Cat. No. IFNa4-3275M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IFNa4 protein(NP_034634.1)(Met1-Glu186), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
Form	Lyophilized from sterile PBS, pH 7.4. Please 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 L929 cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is 10-50 pg/mL.
Molecular Mass	The recombinant mouse IFNA4 comprises 173 amino acids and has a predicted molecular mass of 20.2 kDa. The apparent molecular mass of the protein is approximately 22-27 kDa in SDS-PAGE under reducing conditions.
Proteinlength	Met1-Glu186
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % 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.
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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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GENE INFORMATION

Gene Name	Ifna4 interferon alpha 4 [Mus musculus]
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Official Symbol	IFNa4
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Synonyms	IFNA4; interferon alpha 4; interferon alpha-4; IFN-alpha-4; MuIFN-alpha 4; interferon alpha family, gene 4; Ifa4; MGC143607;
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Gene ID	15967
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mRNA Refseq	NM_010504
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Protein Refseq	NP_034634
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