

Recombinant Mouse IFN- α 4 Protein

Catalog No.: RP00756

Sequence Information

Species	Gene ID
Mouse	15967
Swiss Prot	Tags
P07351	C-His

Synonyms

Ifna4, Interferon α -4, IFN- α -4

Product Information

Source	Purification
HEK293 cells	$\geq 95\%$ as determined by reducing SDS-PAGE.

Calculated MW	Observed MW
18.95 KDa	20-30 KDa

Endotoxin

< 0.01 EU/ μ g of the protein by LAL method.

Formulation

Lyophilized from 0.22 μ m filtered solution in PBS (pH 7.4).

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

The interferons (IFN) are a family of cytokines with potent antiviral, antiproliferative and immunomodulatory properties, and are classified based on their binding specificity to cell surface receptors. The type I IFNs bind to the interferon α receptor (IFNAR), which consists of two subunits: IFNAR1 (α -subunit) and IFNAR2 (β -subunit). This binding contributes to TNF- α induced signaling.

Basic Information

Description

Recombinant Mouse IFN- α 4 Protein is produced by HEK293 cells system. The target protein is expressed with sequence (Leu23-Glu186) of Mouse IFN- α 4 (Accession #NP_034634.1) fused with His tag at the C-Terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

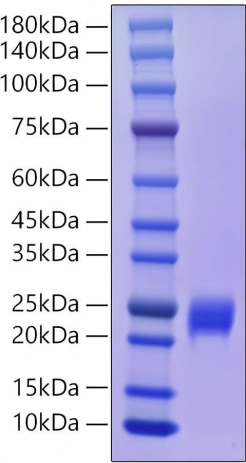
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Mouse IFN- α 4 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.