

RP00756

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# Recombinant Mouse IFN-alpha 4 Protein

Catalog No.: RP00756 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	15967	P07351

### Tags

C-His

### Synonyms

Ifna4; Interferon alpha-4; IFN-alpha-4

## Product Information

### Source

HEK293 cells

### Purification

≥ 95% as determined by reducing SDS-PAGE.

### Endotoxin

< 0.01 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from 0.22μm 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.

## Contact



[www.abclonal.com](http://www.abclonal.com)

## 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 alpha receptor (IFNAR), which consists of two subunits: IFNAR1 (alpha -subunit) and IFNAR2 (beta -subunit). This binding contributes to TNF-alpha induced signaling.

## Basic Information

### Description

Recombinant Mouse IFN-alpha 4 Protein is produced by HEK293 cells system. The target protein is expressed with sequence (Leu23-Glu186) of Mouse IFN-alpha 4 (Accession #NP\_034634.1) fused with His tag at the C-Terminus.

### Bio-Activity

### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

### Operational Notes

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

### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

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