

# Recombinant Mouse IFN-beta Protein

Catalog No.: RP01076    Recombinant    5 Publications

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	15977	P01575

### Tags

C-hFc&His

### Synonyms

Fibroblast  
interferon;IFBIFNB;IFF;IFNB1;IFNbeta;IFN-beta;interferon beta;;IFNB

## Background

## Basic Information

### Description

Recombinant Mouse IFN-beta Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ile22-Asn182) of mouse Interferon beta (Accession #NP\_034640.1) fused with an Fc, 6xHis 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.

### 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.

### Operational Notes

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

## Product Information

Source	Purification
HEK293 cells	≥ 90 % as determined by SDS-PAGE; ≥ 90 % as determined by HPLC.

Calculated MW	Observed MW
46.52 kDa	60 kDa

### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

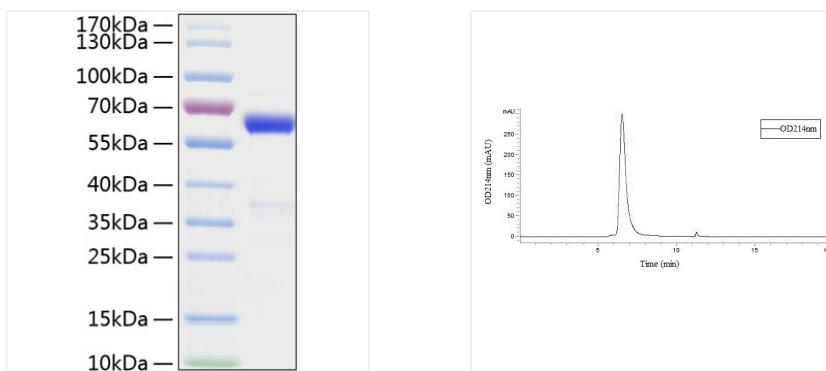
Centrifuge the vial before opening.  
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.  
Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and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

## Contact

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## Validation Data



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

Recombinant Mouse IFN-beta Protein is greater than 90% as determined by SEC-HPLC.