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Recombinant Mouse IFN-beta Protein

Catalog No.: RP01076 Recombinant 6 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

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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

400-999-6126

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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, 6×His tag at the C-terminus.

Bio-Activity

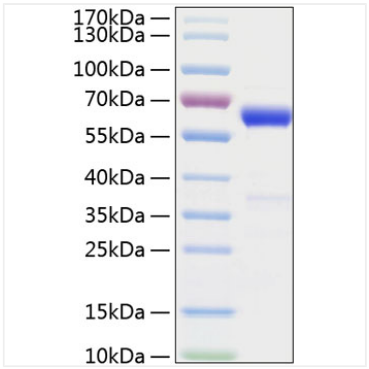
Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃
Avoid repeated freeze/thaw cycles.

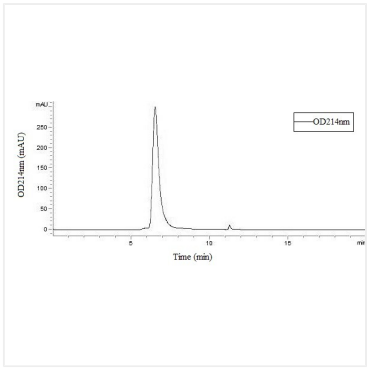
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

* 为了您的安全和健康，请穿实验服并戴一次性手套操作。

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.

For research use only. Not for therapeutic or diagnostic purposes.
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