

Recombinant Human IFN-gamma Protein

Catalog No.: RP02382 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	3458	P01579

Tags

C-His&Avi

Synonyms

IFNG;Interferon gamma; IFN-gamma;
Immune interferon

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE; ≥95 % as determined by HPLC.

Calculated MW **Observed MW**

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of 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

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Background

Basic Information

Description

Recombinant Human IFN-gamma / IFNG Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Gln24-Gly161) of Human IFN-gamma / IFNG fused with a His and Avi tag at the C-terminal.

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.

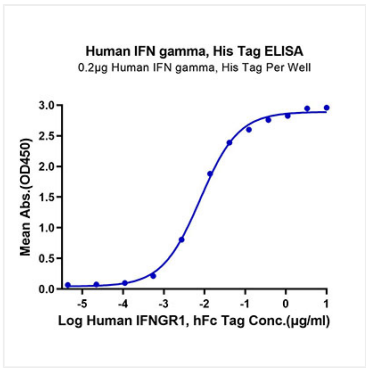
Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

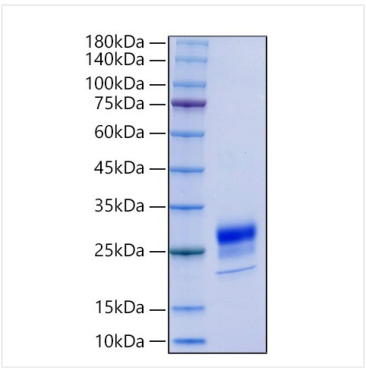
Operational Notes

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

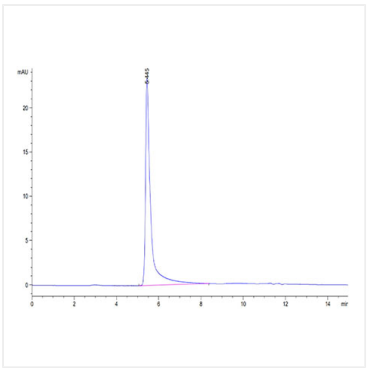
Validation Data



Immobilized Human IFN gamma, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human IFNGR1, hFc Tag with the EC₅₀ of 7.9ng/ml determined by ELISA.



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



The purity of Human IFN gamma is greater than 95% as determined by SEC-HPLC.