

RP02383

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Biotinylated Recombinant Human IFN-gamma Protein

Catalog No.: RP02383

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	3458	P01579

Tags

C-His&Avi

Synonyms

IFNG;IFG;IFI

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE

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 tube 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

Basic Information

Description

Biotinylated 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 tag and Avi tag at the C-terminal.

Bio-Activity

Storage

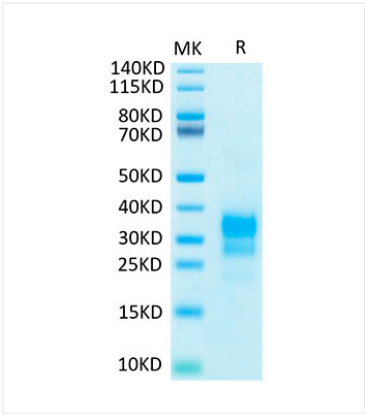
Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

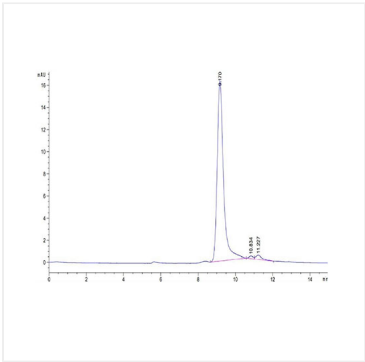


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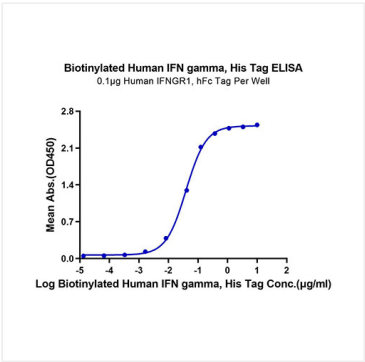
Validation Data



Biotinylated Human IFN gamma on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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



Immobilized Human IFNGR1, hFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human IFN gamma, His Tag with the EC₅₀ of 39.1g/ml determined by ELISA.