

# 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 freeze-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

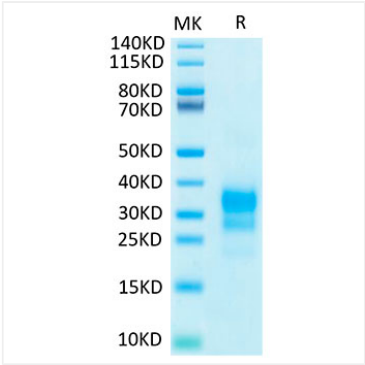
Store the lyophilized protein at -20°C to -80°C for long term.

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

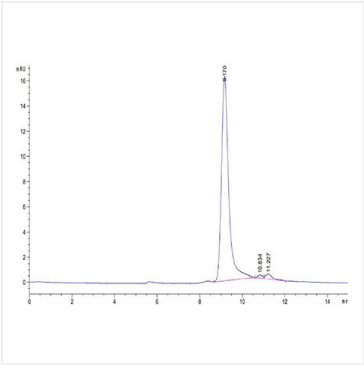
Avoid repeated freeze/thaw cycles.

## Contact

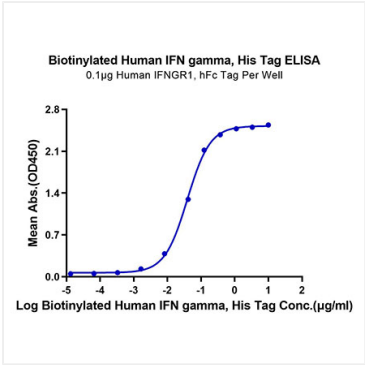
Validation Data



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 EC<sub>50</sub> of 39.1g/ml determined by ELISA.