

# 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

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## 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.

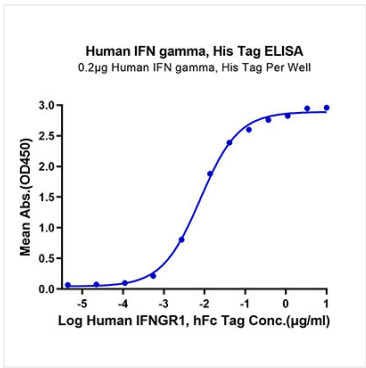
### Storage

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

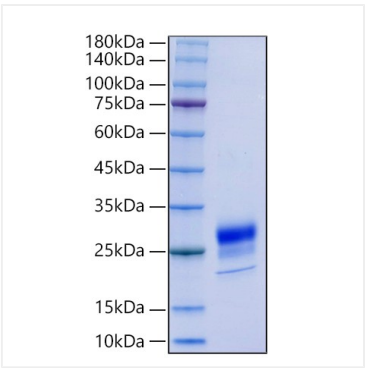
### Operational Notes

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

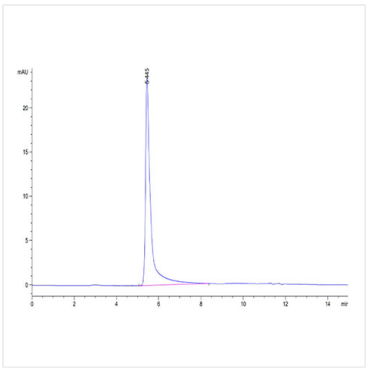
Validation Data



Immobilized Human IFN gamma, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human IFNGR1, hFc Tag with the EC<sub>50</sub> 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.