ProSci LLC
12170 Flint Place
Poway, CA 92064, USA
ProSciAntibodies.com

P: +1 (888) 513-9525
Local: +1 (858) 513-2638
Fax: +1 (858) 513-2692

CustomerCare@ProSciAntibodies.com
ITSupport@ProSciAntibodies.com

Human IFN-gamma Recombinant Protein (85-195)

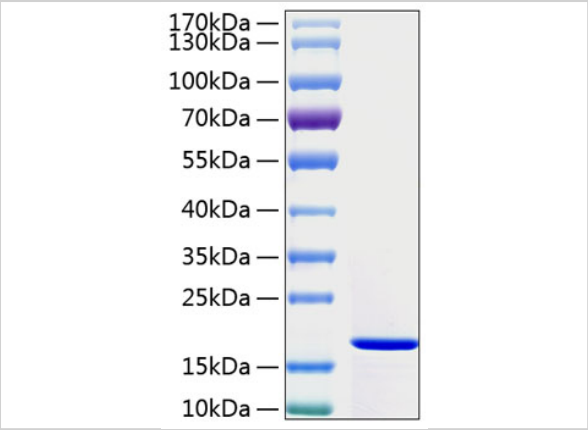
CATALOG NUMBER: 85-195

Specifications

Species	Human
Source Species	E. coli
Fusion Tag	No tag
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	16.78 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized Human FNGR1/CD119 at 1 μg/mL (100 μL/well) can bind Human IFNG with a linear range of 0.98-1.97 ng/mL. 2.Measured in a cytotoxicity assay using HT-29 cells. The ED_{50} for this effect is 0.74-2.96 ng/mL, corresponding to a specific activity of 3.38×10^5~1.35×10^6 units/mg. 3.Flow cytometry: $1X10^6$ A549 cells treated with IFN-γ (1 ng/mL) were surface-stained with PE Rabbit IgG isotype control (5 μl/Test,left) or PE Rabbit anti-Human PD-L1/CD274 mAb (5 μl/Test,right). 4.Flow cytometry: $1X10^6$ NCI-H460 cells treated with IFN-γ (1 ng/mL) were surface-stained with PE Rabbit IgG isotype control (5 μl/Test,left) or PE Rabbit anti-Human PD-L1/CD274 mAb (5 μl/Test,right)

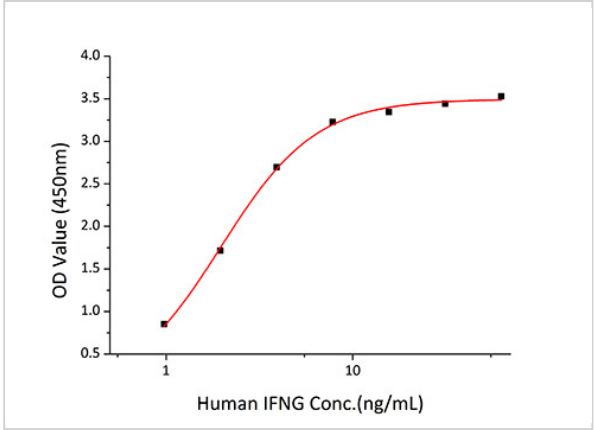
Properties

Purity	≥ 95 % as determined by SDS-PAGE;≥ 95 % as determined by HPLC.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.
Storage Conditions	Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



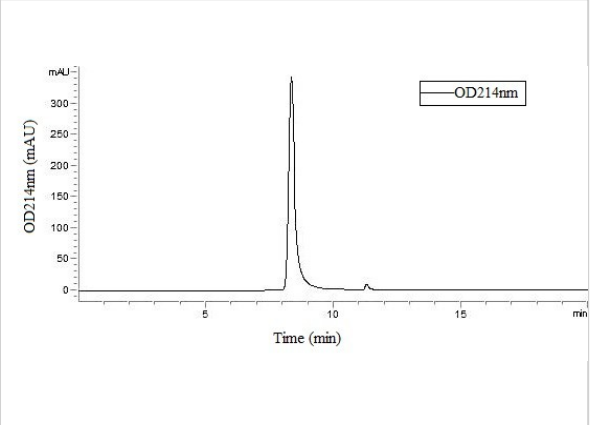
85-195_1

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



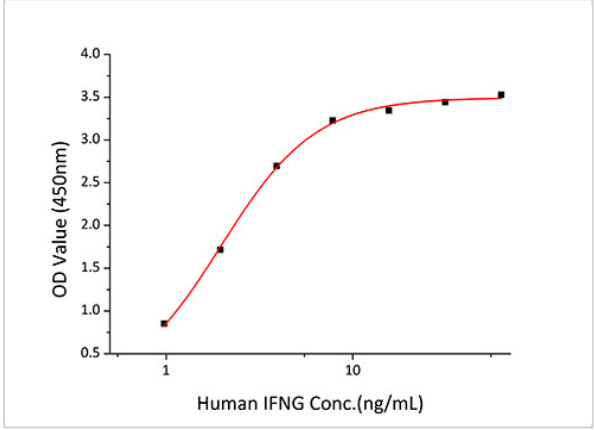
85-195_2

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



85-195_3

Immobilized Human FNGR1/CD119 at 1 μg/mL (100 μL/well) can bind Human IFNG with a linear range of 0.98-1.97ng/mL.



85-195_4

Recombinant Human IFN-gamma induces cytotoxicity in the HT-29 cells. The ED_{50} for this effect is 0.74-2.96 ng/mL, corresponding to a specific activity of 3.38×10^{5}~$1.35\times10^{\cdots}$

Disclaimer

Disclaimer	Products are intended for laboratory research purposes only and should be used by qualified personnel only. They are not intended for use in humans. ProSci is not liable for damages or injuries resulting from receipt and/or use of ProSci materials. Please refer to the Material Safety Data Sheet (MSDS) for safe storage, handling, and use procedures.

For research use only. For additional information, visit ProSci's Terms and Conditions Page.