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Mouse IFN-gamma Recombinant Protein (85-225)

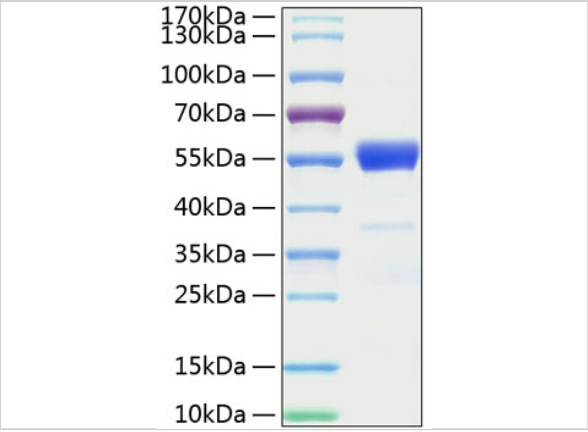
CATALOG NUMBER: 85-225

Specifications

Species	Mouse
Source Species	HEK293 cells
Fusion Tag	C-hFc&His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	44.70 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized recombinant Mouse IFNGR1 at 0.2 μg/mL (100 μL/well) can bind recombinant Mouse IFNG, the EC_{50} of Mouse IFNG is 2.2 ng/mL. 2.M0 macrophages can be induced differentiation into M1 macrophages(CD86+CD206-) by Recombinant Mouse IFN-gamma Protein (50ng/mL) and LPS (100ng/mL).

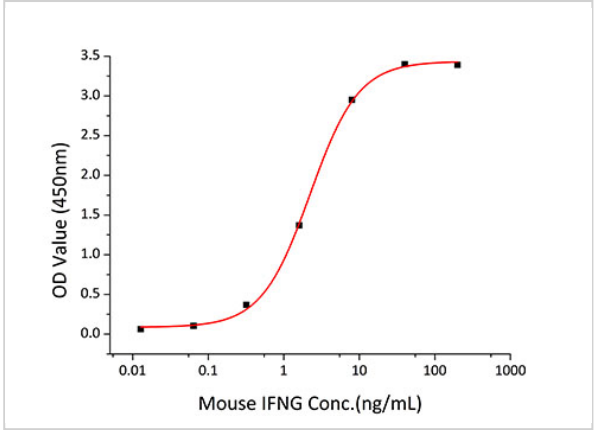
Properties

Purity	≥ 90 % as determined by SDS-PAGE;≥ 90 % 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.



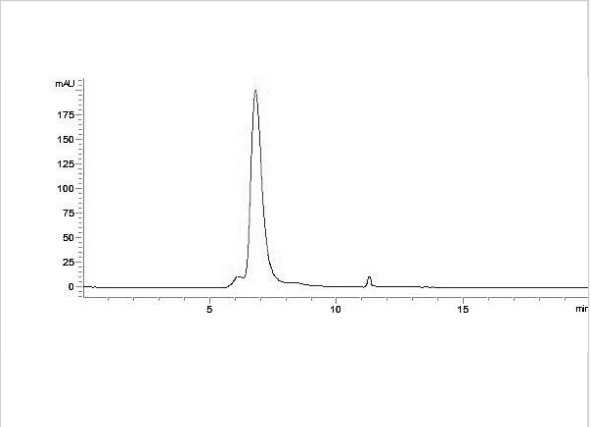
85-225_1

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



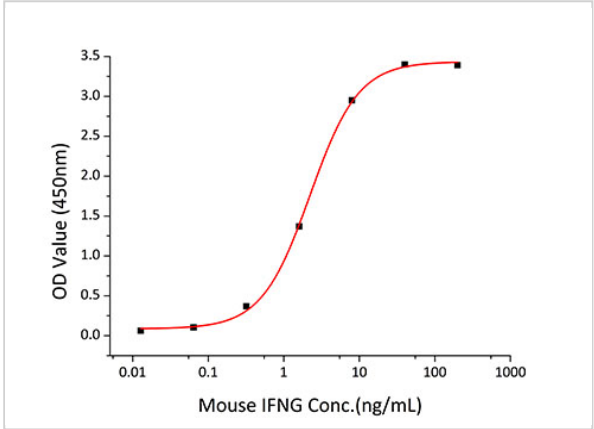
85-225_2

The purity of Recombinant Mouse IFN-gamma Protein is greater than 90% as determined by SEC-HPLC.



85-225_3

Immobilized recombinant Mouse IFNGR1 at 0.2μg/mL (100μL/well) can bind recombinant Mouse IFNG,the EC_{50} of Mouse IFNG is 2.2ng/mL.



85-225_4

M0 macrophages(Catalog # 85-310) can be induced differentiation into M1 macrophages(CD86+CD206-) by Recombinant Mouse IFN-gamma Protein (50ng/mL) and LPS (100ng/mL).

Disclaimer

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