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Mouse TNF-alpha Recombinant Protein (85-226)

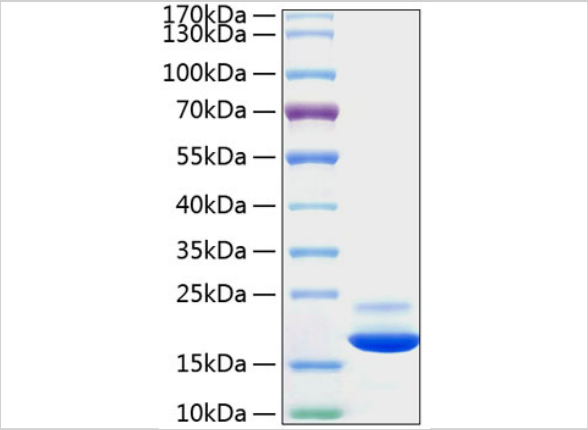
CATALOG NUMBER: 85-226

Specifications

Species	Mouse
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	18.10 kDa
Biological Activity	1.Immobilized recombinant Mouse TNFα at 2 μg/mL (100 μL/well) can bind Human TNFRSF1A with a linear range of 4-53 ng/mL. 2.Immobilized Recombinant Mouse TNF-α at 2 μg/mL (100 μL/well) can bind Mouse TNFRSF1B with a linear range of 0.02-0.77 ng/mL. 3.Recombinant Mouse TNF-alpha induces cytotoxicity in the L-929 mouse fibroblast cell line in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is typically 3.55-14.2 pg/mL, corresponding to a specific activity of 7.04×107~2.82×108 units/mg.

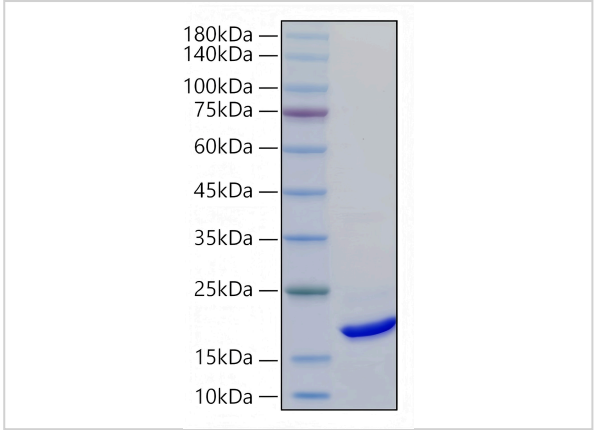
Properties

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.



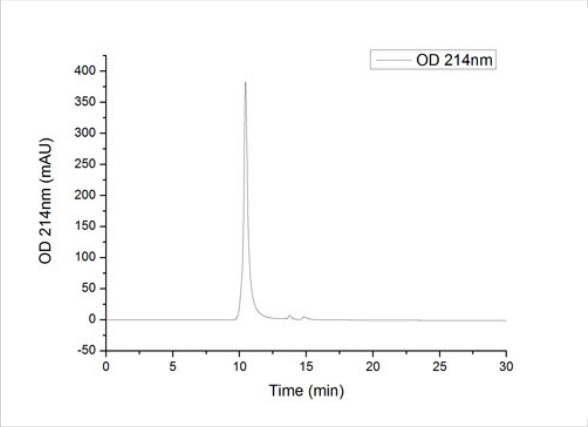
85-226_1

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



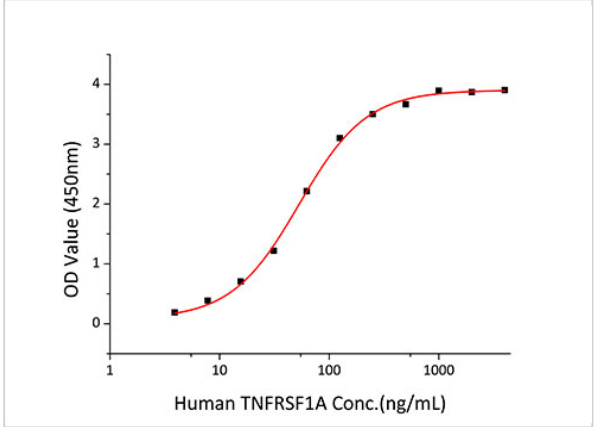
85-226_2

The purity of Mouse TNF-alpha Protein (Cat.85-226) was greater than 95% as determined by SEC-HPLC.



85-226_3

Immobilized recombinant Mouse TNFα at 2 μg/mL (100 μL/well) can bind Human TNFRSF1A with a linear range of 4-53 ng/mL.



85-226_4

Immobilized Recombinant Mouse TNF-α at 2 μg/mL (100 μL/well) can bind Mouse TNFRSF1B with a linear range of 0.02-0.77 ng/mL.

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.

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