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Human TNF-alpha Recombinant Protein (85-170)

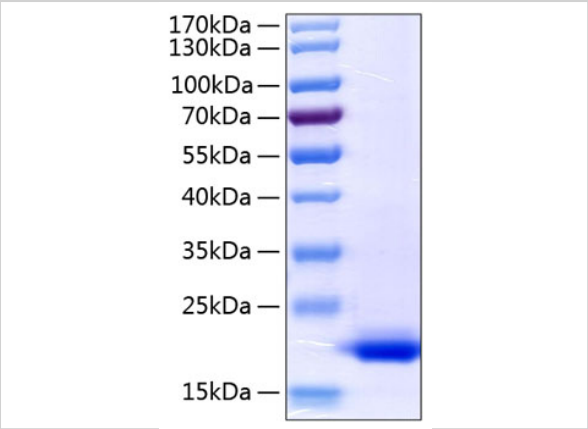
CATALOG NUMBER: 85-170

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	18.19 kDa
Biological Activity	1.Recombinant Human TNF-alpha induces cytotoxicity in the L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is 0.90-3.60 ng/mL, corresponding to a specific activity of 2.78×105~1.11×106 units/mg.2.At concentrations ranging from 0.01 to 5 ng/mL, M5 factor (IL1A,IL17A,IL22,TNFα,OSM)promotes the proliferation of HaCaT cells.

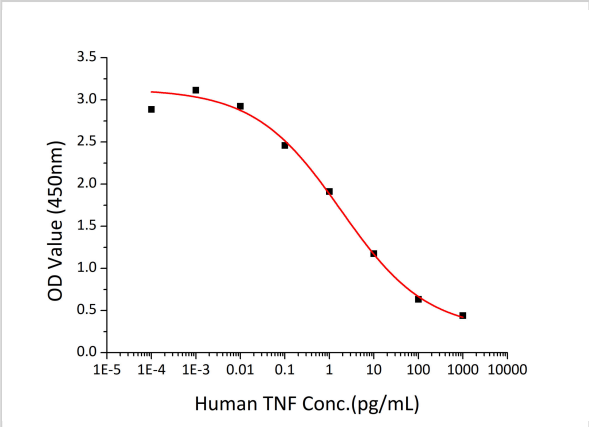
Properties

Purity	≥ 95 % as determined by SDS-PAGE.
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.



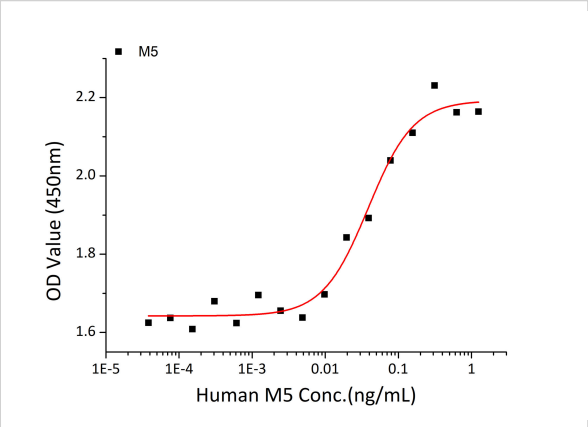
85-170_1

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



85-170_2

Recombinant Human TNF-alpha induces cytotoxicity in the L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D. The ED_{50} for this effect is 0.90-3.60 ng/mL...



85-170_3

At concentrations ranging from 0.01 to 5 ng/mL, M5 factor (86-065 IL1A,84-993 IL17A,85-654 IL22,85-170 TNFα,84-841 OSM)promotes the proliferation of HaCaT cells.

Disclaimer

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