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Human TNFRSF1A/TNF-R1/CD120a Recombinant Protein (85-469)

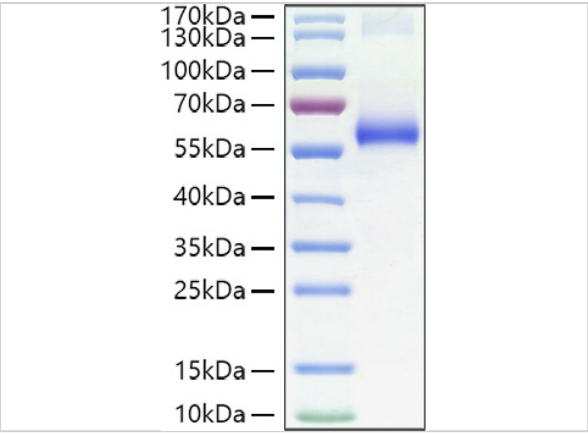
CATALOG NUMBER: 85-469

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-hFc
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	46.45 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA.Immobilized Mouse TNFα at 2 μg/mL (100 μL/well) can bind Human TNFRSF1A with a linear range of 4-53 ng/mL. 2.Measured by its ability to inhibit TNF-α mediated cytotoxicity in L-929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED_{50} for this effect is typically 14-57 ng/mL in the presence of 0.25 ng/mL recombinant human TNF-α.

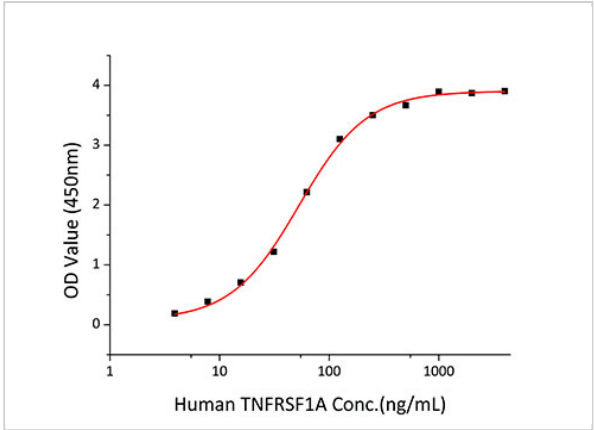
Properties

Purity	≥ 90 % as determined by SDS-PAGE.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
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.



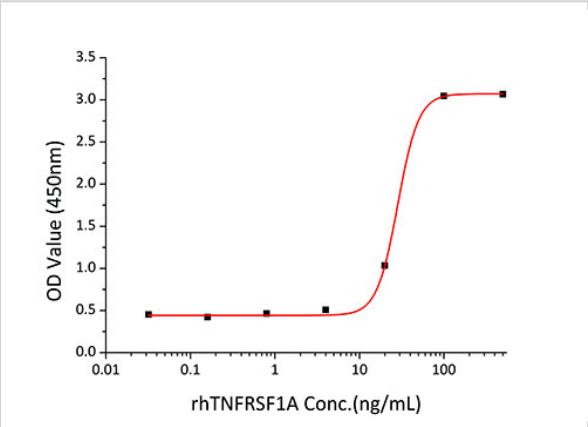
85-469_1

Recombinant Human TNFRSF1A/TNF-R1/CD120a Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



85-469_2

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



85-469_3

Recombinant Human TNFRSF1A inhibit TNF-α mediated cytotoxicity in L-929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED_{50} for this effect is typ...

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