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Mouse IL-17A/CTLA-8 Recombinant Protein (85-515)

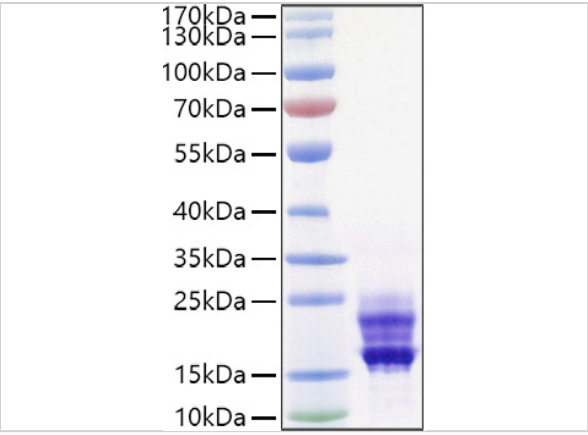
CATALOG NUMBER: 85-515

Specifications

Species	Mouse
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	15.82 kDa
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse IL-17A/CTLA-8 at 2 μg/mL (100 μL/well) can bind Mouse IL-17RA/CD217 with a linear range of 0.1-26 ng/mL.Measured by its ability to induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells in the presense of 2 ng/mL TNFα.The ED_{50} for this effect is 0.26-1.04 ng/mL, corresponding to a specific activity of 9.62×10^{5}~3.85×10^{6} units/mg.

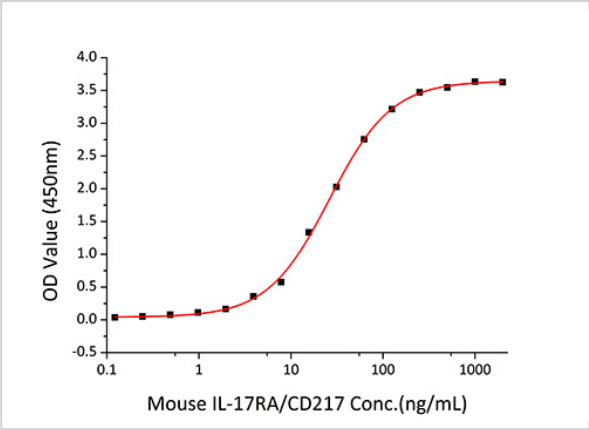
Properties

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.



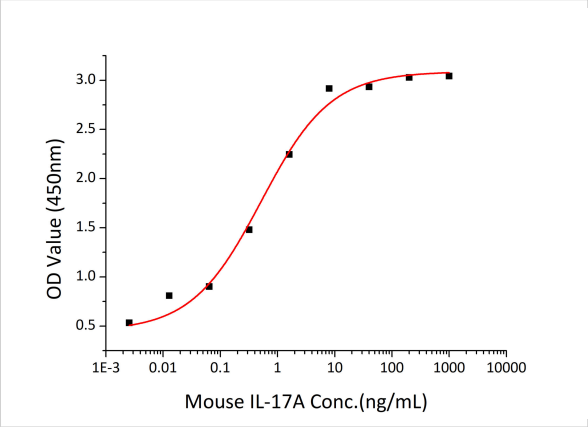
85-515_1

Recombinant Mouse IL-17A/CTLA-8 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



85-515_2

Immobilized Mouse IL-17A/CTLA-8 at 2 μg/mL (100 μL/well) can bind Mouse IL-17RA/CD217 with a linear range of 0.1-26 ng/mL.



85-515_3

Recombinant Mouse IL-17A/CTLA-8 Protein induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells in the presense of 2 ng/mL TNFα(Catalog: 85-226).The ED_{50} for this effect is 0.2...

Disclaimer

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