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Mouse IL-15 Recombinant Protein (85-699)

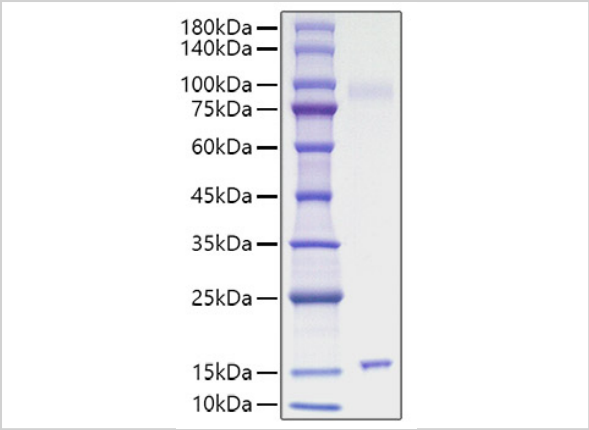
CATALOG NUMBER: 85-699

Specifications

Species	Mouse
Source Species	E. coli
Fusion Tag	C-6His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	14.09 kDa
Biological Activity	1.Measured in a cell proliferation assay using HT-2 mouse T cells. The ED_{50} for this effect is 15-58 ng/mL, corresponding to a specific activity of 1.72×10^{4}-6.67×10^{4} units/mg.2.Measured in a cell proliferation assay using CTLL-2 mouse T cells. The ED50 for this effect is 8.1-32.4ng/mL,corresponding to a specific activity of 3.09×104~1.23×105units/mg.

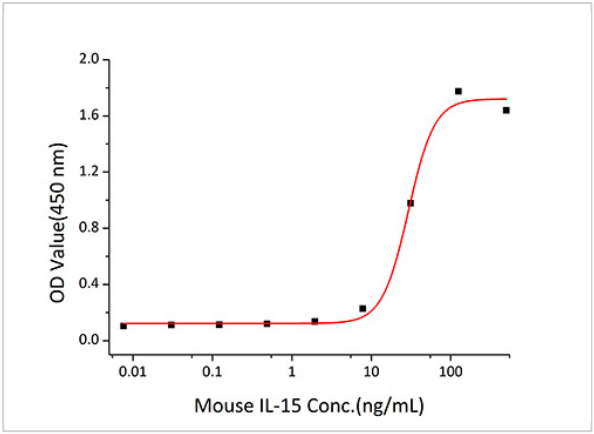
Properties

Purity	≥ 95 % as determined by SDS-PAGE.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
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.



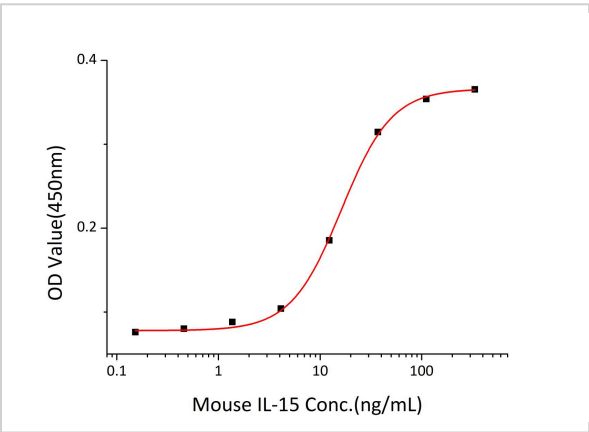
85-699_1

Recombinant Mouse IL-15 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



85-699_2

Recombinant Mouse IL-15 stimulates cell proliferation of the HT-2 mouse T cells. The ED_{50} for this effect is 15-58 ng/mL, corresponding to a specific activity of 1.72×10^{4}-6.67...



85-699_3

Measured in a cell proliferation assay using CTLL-2 mouse T cells. The ED_{50} for this effect is 8.1-32.4ng/mL,corresponding to a specific activity of 3.09×10^{4}~1.23×10^{5}

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