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Human IL-2 Recombinant Protein (85-196)

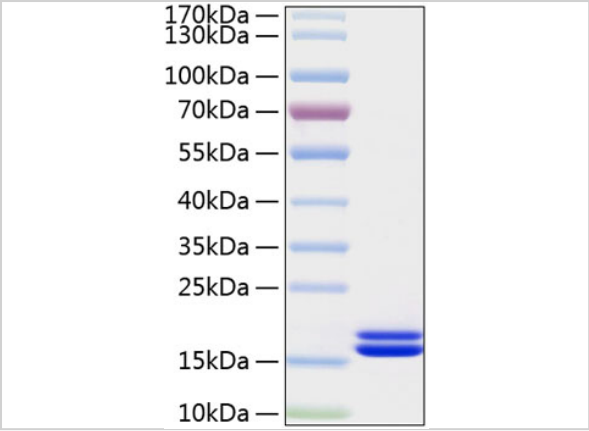
CATALOG NUMBER: 85-196

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	16.26 kDa
Biological Activity	1.Measured in a cell proliferation assay using CTLL-2 mouse T cells. The ED_{50} for this effect is 0.255-1.02 ng/mL,corresponding to a specific activity of 9.80×10^5~3.92×10^6units/mg. 2.Measured in a cell proliferation assay using HT-2 Mouse T cells. The ED_{50} for this effect is 0.25-0.5 ng/mL, corresponding to a specific activity of 2.0×10^6~4.0×10^6 units/mg. 3.Measured by its binding ability in a functional ELISA. Immobilized Human IL2RA Protein at 2 μg/mL (100 μL/well) can bind Human IL2 with a linear range of 2.75-64.64 ng/mL.

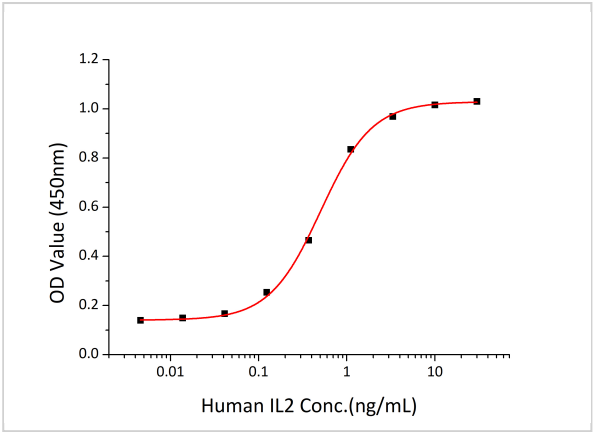
Properties

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.



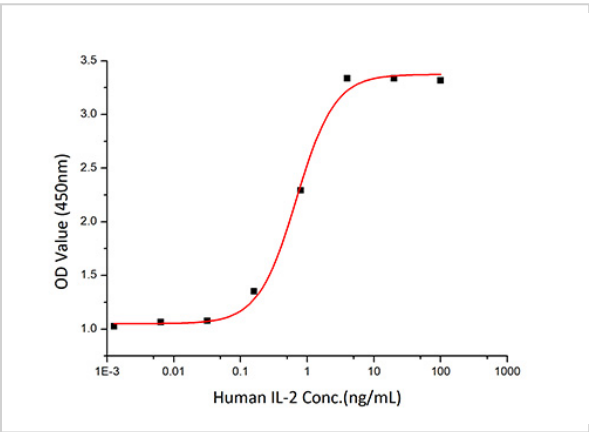
85-196_1

Recombinant Human IL-2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



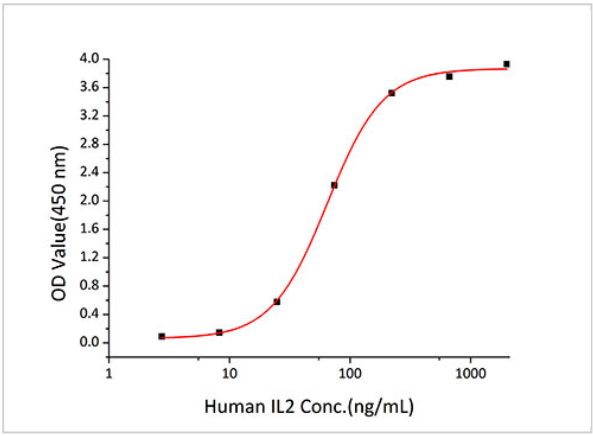
85-196_2

Measured in a cell proliferation assay using CTLL-2 mouse T cells. The ED_{50} for this effect is 0.255-1.02 ng/mL,corresponding to a specific activity of 9.80×10^{5}~3.92×10^{6}<...



85-196_3

Recombinant Human IL2 stimulates cell proliferation of the HT-2 Mouse T cells. The ED_{50} for this effect is 0.25-0.5 ng/mL, corresponding to a specific activity of 2.0×10^{6}~4....



85-196_4

Immobilized Human IL2RA Protein at 2 μg/mL (100 μL/well) can bind Human IL2 with a linear range of 2.75-64.64 ng/mL.

Disclaimer

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