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Human IL-7 Recombinant Protein (85-723)

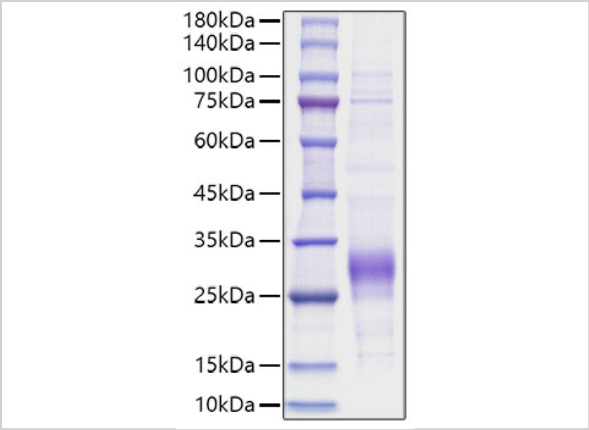
CATALOG NUMBER: 85-723

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	No-tag
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Biological Activity	1.Measured in a cell proliferation assay using IL-2-activated mouse spleen cell. The ED_{50} for this effect is 13-53 pg/mL, corresponding to a specific activity of 1.89×10^{7}~7.69×10^{7} units/mg. 2.Measured in a cell proliferation assay using murine 2E8 cells. The ED_{50} for this effect is 2.2-8.7ng /mL, corresponding to a specific activity of 1.15×10^{5}~4.54×10^{6} units/mg.

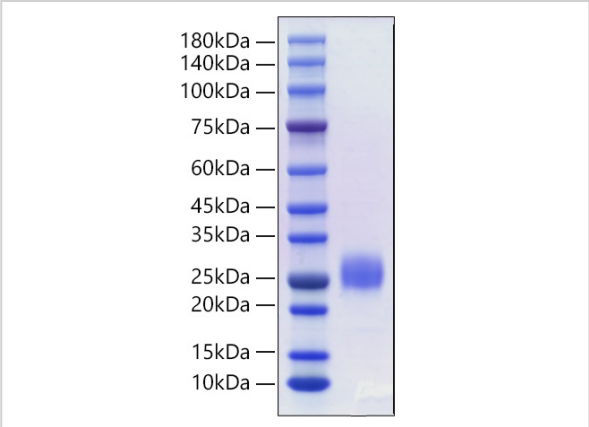
Properties

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.



85-723_1

Recombinant Human IL-7 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



85-723_2

Measured in a cell proliferation assay using murine 2E8 cells. The ED_{50} for this effect is 0.67-2.68 ng/mL, corresponding to a specific activity of 3.7×10^{5}~1.49×10^{6}...

Disclaimer

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