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Human Leukemia Inhibitory Factor/LIF Recombinant Protein (85-717)

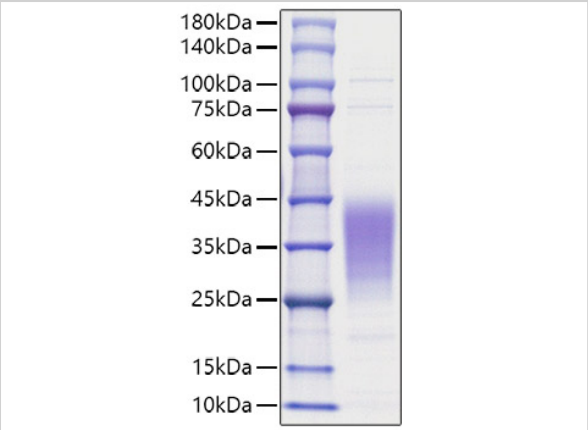
CATALOG NUMBER: 85-717

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	NO-tag
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	19.72 kDa
Biological Activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. Kitamura, T. et al. (1989) J. Cell Physiol. 140:323. The ED_{50} for this effect is 0.14-0.54 ng/mL, corresponding to a specific activity of 1.85×10^{6}-7.14×10^{6} units/mg.

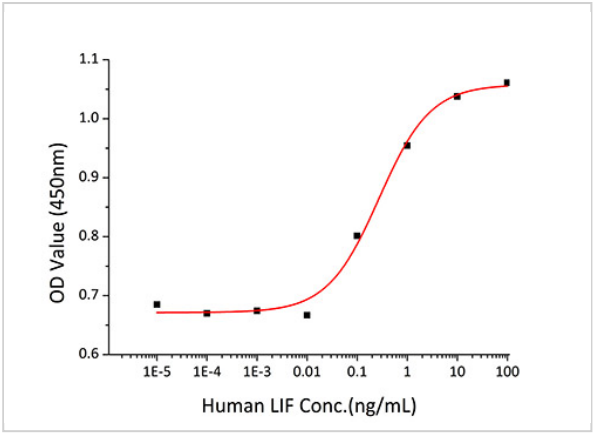
Properties

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.



85-717_1

Recombinant Human Leukemia inhibitory factor/LIF Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



85-717_2

Recombinant Human LIF stimulates cell proliferation of the TF-1 human erythroleukemic cells. The ED_{50} for this effect is 0.14-0.54 ng/mL, corresponding to a specific activity of 1.85×10<...

Disclaimer

Disclaimer	Products are intended for laboratory research purposes only and should be used by qualified personnel only. They are not intended for use in humans. ProSci is not liable for damages or injuries resulting from receipt and/or use of ProSci materials. Please refer to the Material Safety Data Sheet (MSDS) for safe storage, handling, and use procedures.