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Human IL-6 Recombinant Protein (84-983)

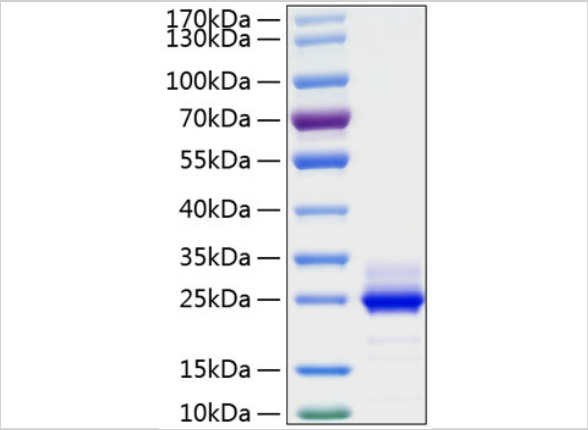
CATALOG NUMBER: 84-983

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	21.65 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA.Immobilized Human IL6R at 1 μg/mL (100 μL/well) can bind Human IL-6 with a linear range of 2-15 ng/mL. 2.Measured in a cell proliferation assay using TF-1 Human erythroleukemic cells. The ED_{50} for this effect is 0.10-0.40 ng/mL. The specific activity of Recombinant Human IL-6 is >1.2 × 10^8 IU/mg, which is calibrated against the human IL-6 WHO International Standard (NIBSC code: 21/308).

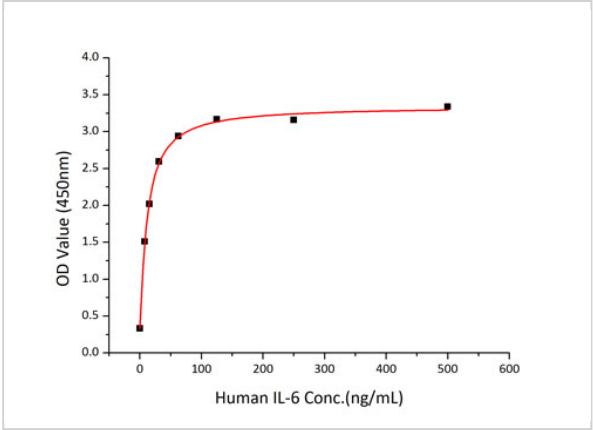
Properties

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.



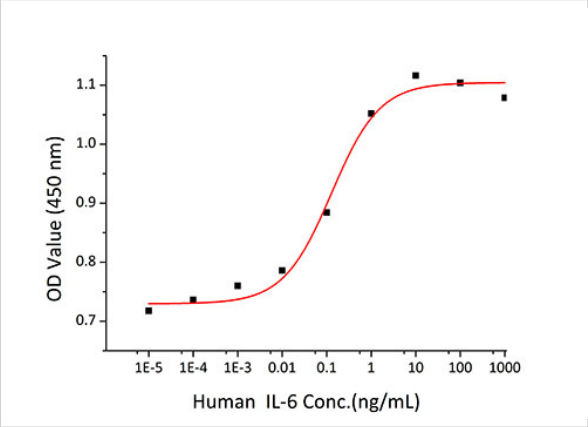
84-983_1

Recombinant Human IL-6 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



84-983_2

Immobilized Human IL6R at 1 μg/mL (100 μL/well) can bind Human IL-6 with a linear range of 2-15 ng/mL.



84-983_3

Measured in a cell proliferation assay using TF-1 Human erythroleukemic cells. The ED_{50} for this effect is 0.10-0.40 ng/mL. The specific activity of Recombinant Human IL-6 is >1.2 × 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.