ProSci LLC
12170 Flint Place
Poway, CA 92064, USA
ProSciAntibodies.com

P: +1 (888) 513-9525
Local: +1 (858) 513-2638
Fax: +1 (858) 513-2692

CustomerCare@ProSciAntibodies.com
ITSupport@ProSciAntibodies.com

Mouse IL-4 Recombinant Protein (85-256)

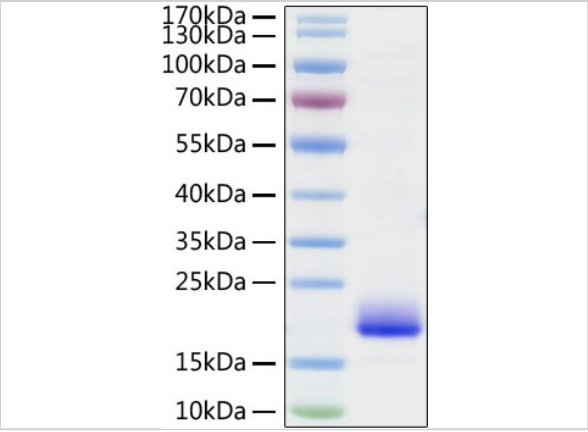
CATALOG NUMBER: 85-256

Specifications

Species	Mouse
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	14.15 kDa
Biological Activity	1.Measured in a cell proliferation assay using MC/9 2 mouse mast cells. The ED_{50} for this effect is 2.8-11.3 pg/mL, corresponding to a specific activity of 8.85×10^{7}~3.57×10^{8} units/mg. 2.Measured in a cell proliferation assay using HT-2 mouse T cells. The ED_{50} for this effect is 1.18-4.70 ng/mL, corresponding to a specific activity of 2.13×10^{5}~8.51×10^{6} units/mg.

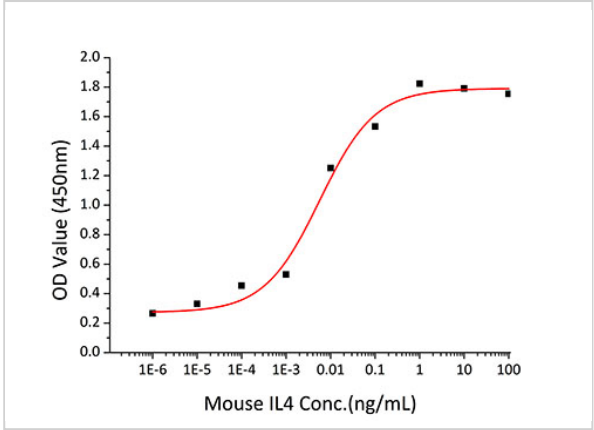
Properties

Purity	≥ 95 % as determined by SDS-PAGE;≥ 95 % as determined by HPLC.
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.



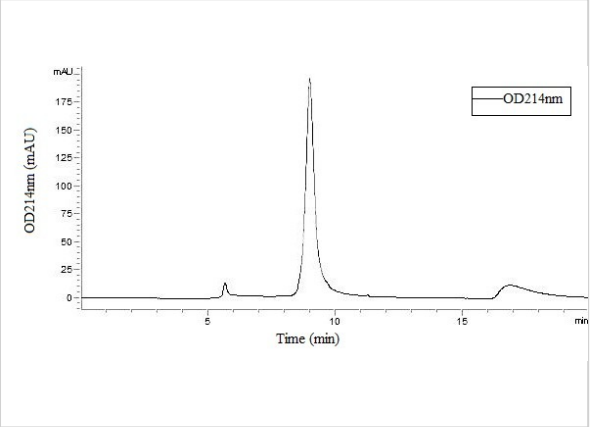
85-256_1

Recombinant Mouse IL-4 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



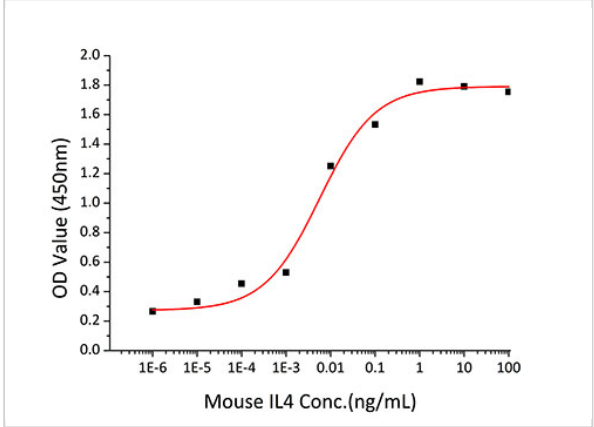
85-256_2

Recombinant Mouse IL-4 Protein is greater than 95% as determined by SEC-HPLC.



85-256_3

Recombinant Mouse IL-4 promote the proliferation of MC/9 2 mouse mast cells. The ED_{50} for this effect is 2.8-11.3 pg/mL, corresponding to a specific activity of 8.85×10^{7}~$3.57\times$...



85-256_4

Recombinant Mouse IL4 stimulates cell proliferation of HT-2 mouse T cells. The ED_{50} for this effect is 1.18-4.70 ng/mL, corresponding to a specific activity of 2.13×10^{5}~8.51×1...

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.

For research use only. For additional information, visit ProSci's Terms and Conditions Page.