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

Human IL-18 Recombinant Protein (84-803)

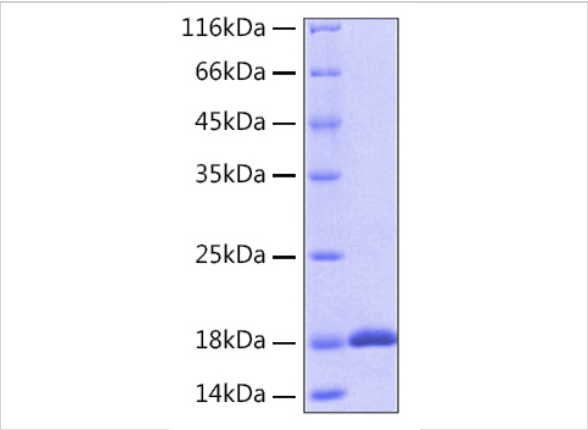
CATALOG NUMBER: 84-803

Specifications

Species	Human
Source Species	E. coli
Fusion Tag	No tag
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	18.22 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized recombinant Human IL18 at 5 μg/mL (100μL/well) can bind recombinant Human IL18BPa with a linear range of 0.156-1.372 μg/mL. 2.Measured by its ability to induce IFN-gamma secretion by KG_x001E_1 human acute myelogenous leukemia cells in the presence of TNF-alpha. The ED_{50} for this effect is 1.44-5.76 ng/mL, corresponding to a specific activity of 1.7×10^5~6.9×10^5 units/mg.

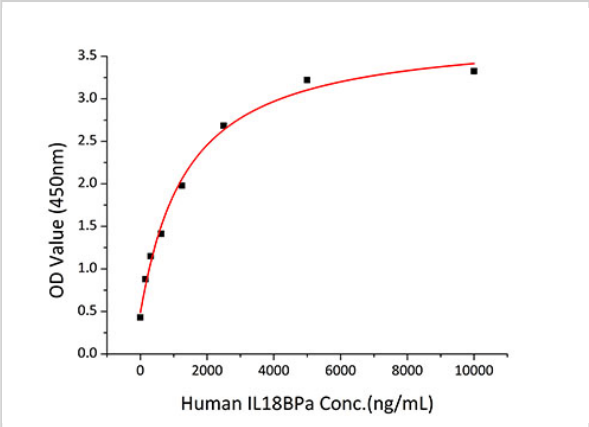
Properties

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.



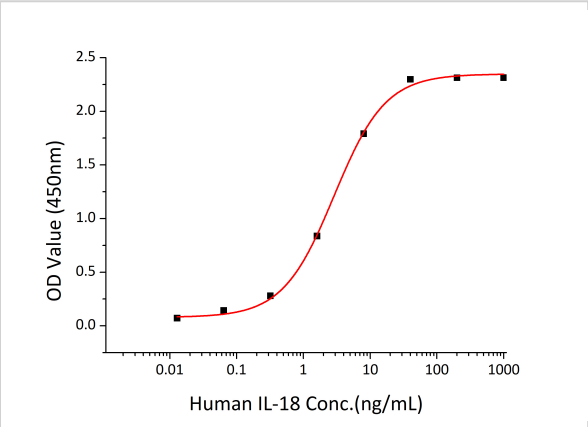
84-803_1

Recombinant Human IL-18 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



84-803_2

Immobilized recombinant Human IL18 at 5μg/mL (100μL/well) can bind recombinant Human IL18BPa with a linear range of 0.156-1.372μg/mL.



84-803_3

Recombinant Human IL-18 induce IFN-gamma secretion by KG_x001E_1 human acute myelogenous leukemia cells in the presence of TNF-alpha. The ED_{50} for this effect is 1.44-5.76 ng/mL, corresp...

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