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Human Oncostatin-M/OSM Recombinant Protein (84-841)

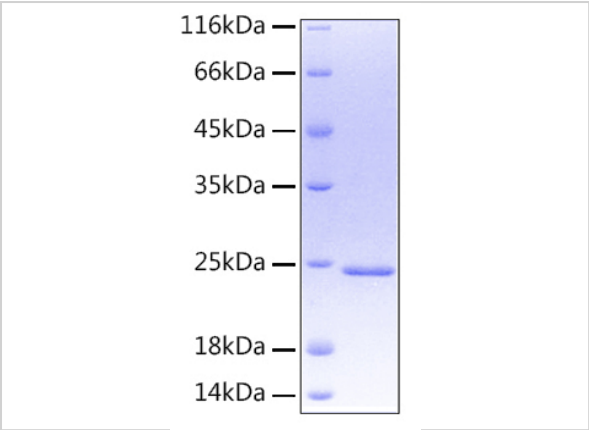
CATALOG NUMBER: 84-841

Specifications

Species	Human
Source Species	E. coli
Fusion Tag	No tag
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	22.15 kDa
Biological Activity	1.At concentrations ranging from 0.01 to 5 ng/mL, M5 factor (IL1A,IL17A,IL22,TNFα,OSM)promotes the proliferation of HaCaT cells.2.Measured in a cell proliferation assay using TF-1 Human erythroleukemic cells. The ED_{50} for this effect is 0.76-3.04 ng/mL, corresponding to a specific activity of 3.9×10^5~1.31×10^6 units/mg.

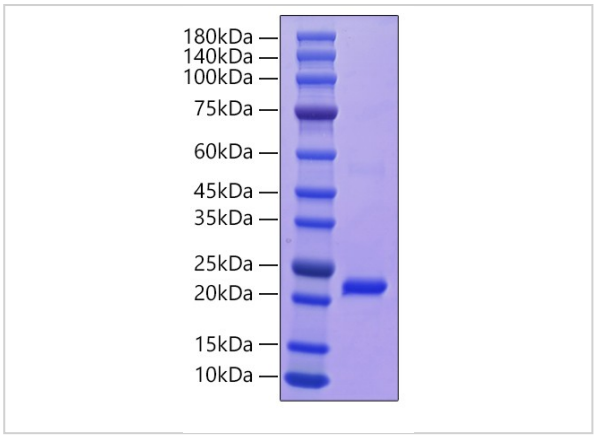
Properties

Purity	≥ 95% as determined by reducing SDS-PAGE.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of 20mM Tris, 150mM NaCl, 5% glycerol, 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.



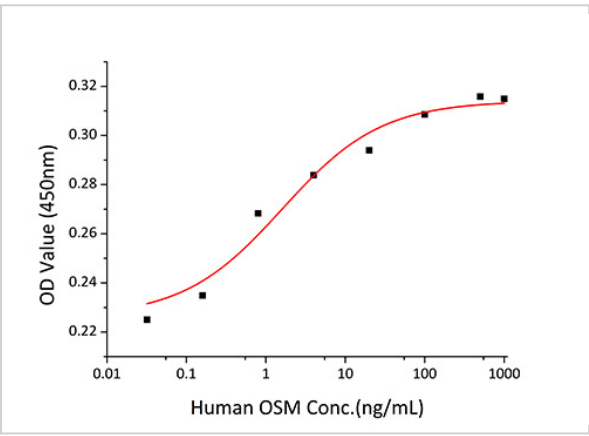
84-841_1

Recombinant Human Oncostatin-M/OSM Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



84-841_2

At concentrations ranging from 0.01 to 5 ng/mL, M5 factor (86-065 IL1A,84-993 IL17A,85-654 IL22,85-170 TNFα,84-841 OSM)promotes the proliferation of HaCaT cells.



84-841_3

Measured in a cell proliferation assay using TF-1 Human erythroleukemic cells. The ED_{50} for this effect is 0.76-3.04 ng/mL, corresponding to a specific activity of 3.9×10^{5}~1.3...

Disclaimer

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