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Human Hepatocyte growth factor/HGF Recombinant Protein (85-644)

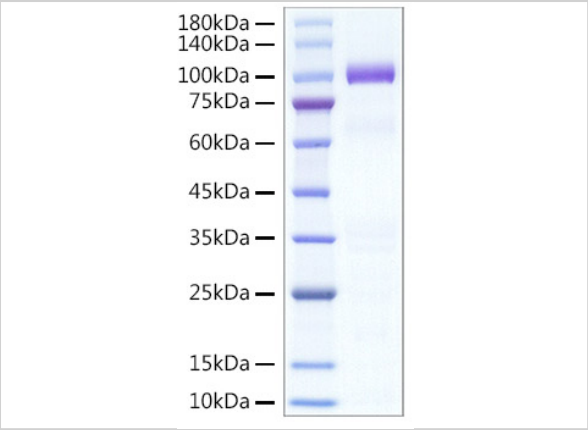
CATALOG NUMBER: 85-644

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	80.51 kDa
Biological Activity	1.Measured by its ability to induce IL-11 secretion by Saos-2 human osteosarcoma cells. Hjertner, O. et al. (1999) Blood 94:3883. The ED_{50} for this effect is 2.23-8.91 ng/mL, corresponding to a specific activity of 1.12×10^5-4.48×10^5 units/mg.2.Measured by its ability to inhibit TGFß1 activity on Mv-1-lu mink lung epithelial cells. The ED_{50} for this effect is 2.66-10.64 ng/mL,corresponding to a specific activity of 9.40×10^4~3.76×10^5 units/mg.

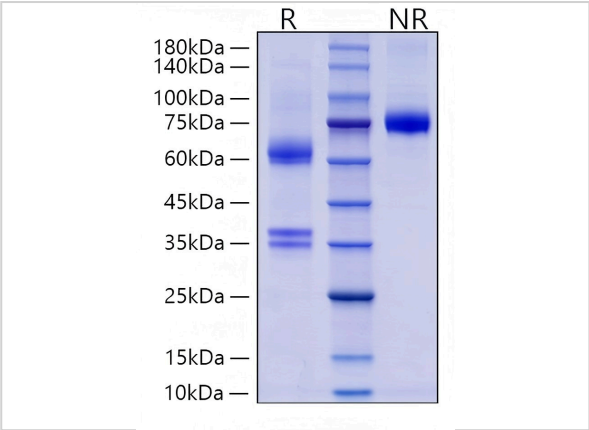
Properties

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.
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.



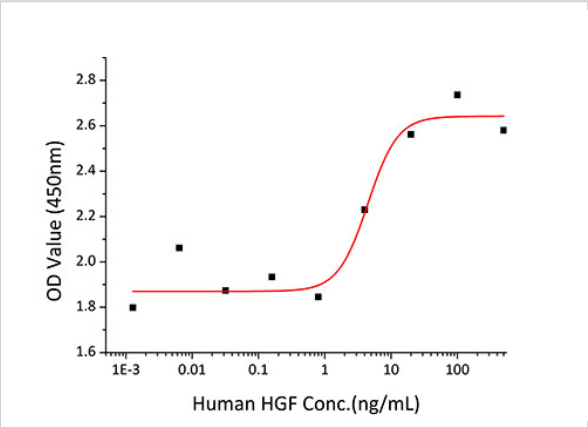
85-644_1

Recombinant Human Hepatocyte growth factor/HGF Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.



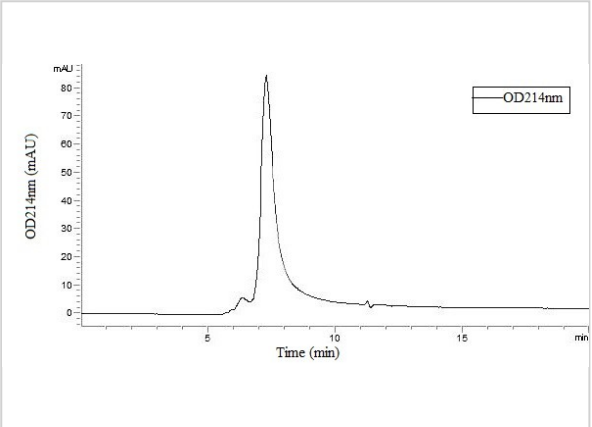
85-644_2

Recombinant Human Hepatocyte growth factor/HGF Protein is greater than 95% as determined by SEC-HPLC.



85-644_3

Recombinant Human HGF induce IL-11 secretion by Saos-2 human osteosarcoma cells. The ED_{50} for this effect is 2.23-8.91 ng/mL, corresponding to a specific activity of 1.12×10^{5}-...



85-644_4

Measured by its ability to inhibit TGFß1 activity on Mv-1-lu mink lung epithelial cells. The ED_{50} for this effect is 2.66-10.64 ng/mL,corresponding to a specific activity of $9.40\times10^{\cdots}$

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