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Human Mature BMP-7 Recombinant Protein (85-990)

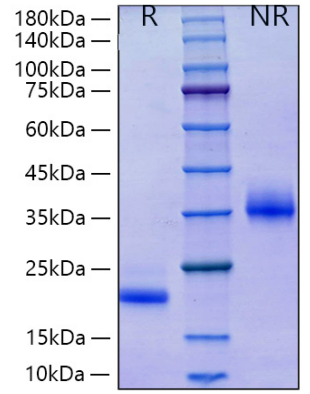
CATALOG NUMBER: 85-990

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	No-Tag
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	15.68 kDa
Biological Activity	Measured by its ability to induce alkaline phosphatase production by ATDC5 mouse chondrogenic cells.The ED_{50} for this effect is 34.9-139.58 ng/mL, corresponding to a specific activity of 7.2×10^{3}~2.87×10^{4} units/mg.

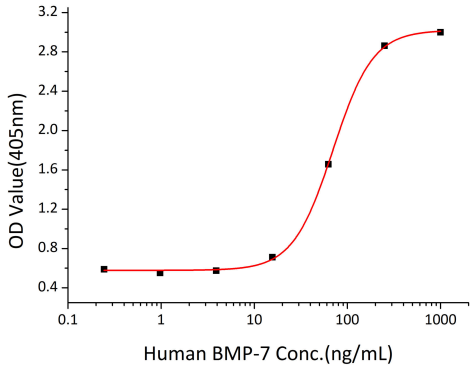
Properties

Purity	≥ 95 % as determined by SDS-PAGE.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of 50mM acetic acid, pH3.6.
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.



85-990_1

Recombinant Human Mature BMP-7 Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.



85-990_2

Recombinant Human Mature BMP-7 Protein induce alkaline phosphatase production by ATDC5 mouse chondrogenic cells.The ED_{50} for this effect is 34.9-139.58 ng/mL, corresponding to a specific...

Disclaimer

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