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Human/Mouse/Rat Mature BMP-4 Recombinant Protein (85-989)

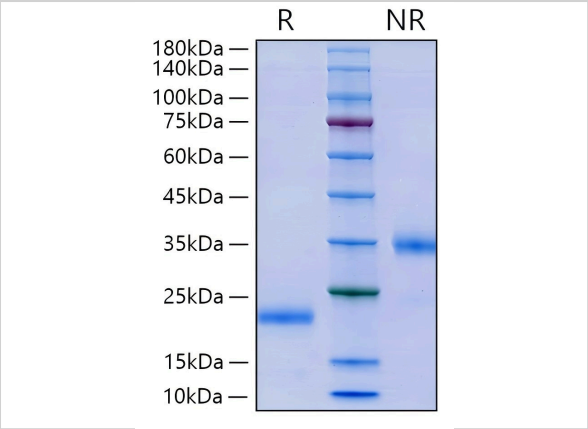
CATALOG NUMBER: 85-989

Specifications

Species	Human,Mouse,Rat
Source Species	CHO cells
Fusion Tag	No-Tag
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	13.13 kDa
Biological Activity	1.Recombinant Human/Mouse/Rat Mature BMP-4 Protein induce alkaline phosphatase production by ATDC5 mouse chondrogenic cells.The ED_{50} for this effect is 5.24-20.96 ng/mL, corresponding to a specific activity of 4.77×10^{4}~1.91×10^{5} units/mg.2.Measured by its binding ability in a functional ELISA. Immobilized Human BMP4 Protein at 5μg/mL (100 μL/well) can bind Recombinant Human RGMA with a linear range of 10-130 ng/mL.

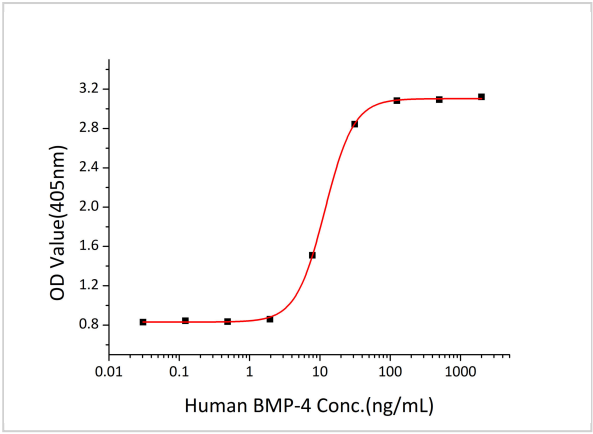
Properties

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.



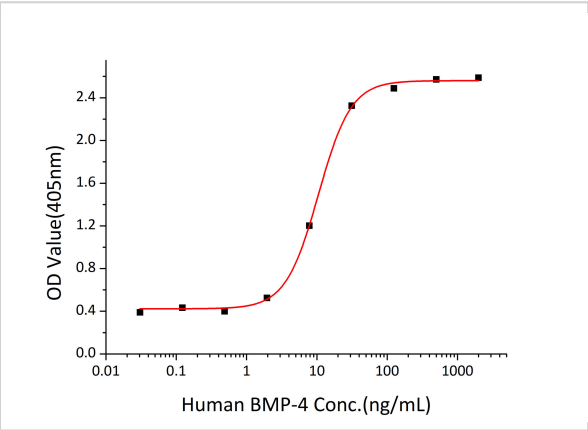
85-989_1

Recombinant Human/Mouse/Rat Mature BMP-4 Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.



85-989_2

Recombinant Human/Mouse/Rat Mature BMP-4 Protein induce alkaline phosphatase production by ATDC5 mouse chondrogenic cells.The ED_{50} for this effect is 5.24-20.96 ng/mL, corresponding to a...



85-989_3

Measured by its binding ability in a functional ELISA. Immobilized Human BMP4 Protein at 5μg/mL (100 μL/well) can bind Recombinant Human RGMA (Catalog:85-007) with a linear range of 10-130 ng/mL.

Disclaimer

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