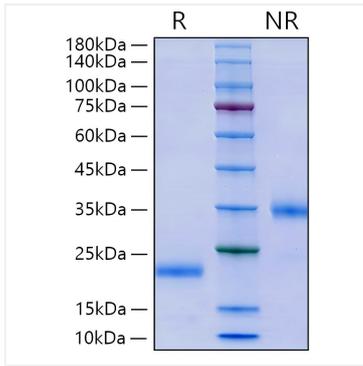
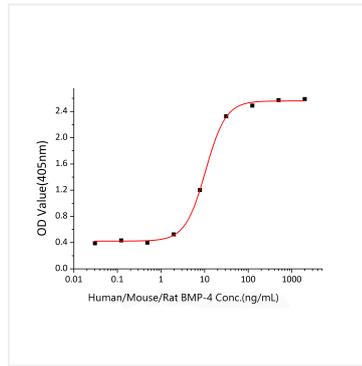


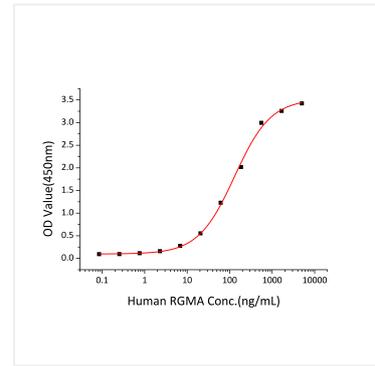
Validation Data



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



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 $4.77 \times 10^4 \sim 1.91 \times 10^5$ units/mg.



Measured by its binding ability in a functional ELISA. Immobilized Human BMP4 Protein (Catalog: RP02512S1) at $5 \mu\text{g/mL}$ ($100 \mu\text{L/well}$) can bind Recombinant Human RGMA (Catalog: RP00228) with a linear range of 10-130 ng/mL.