

Recombinant Human BMP-9

Cat. No.:MGC008 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source	HEK 293
Description	Human BMP-9 (Ser320-Arg429) Accession # Q9UK05
Predicted molecular mass	12.1 kDa (monomer)

Specification:

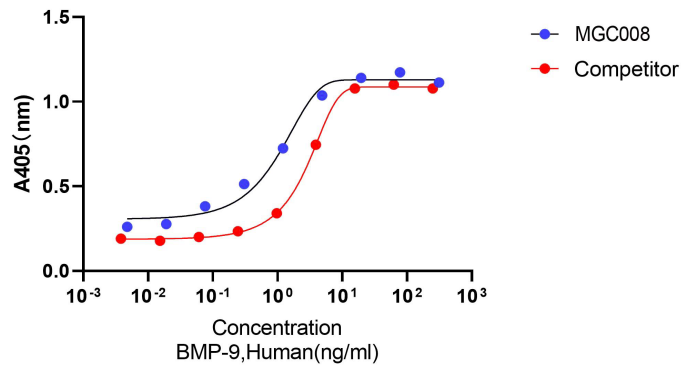
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	\geq 95%, by SDS-PAGE (under reducing (R)&Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	\leq 0.01EU/ μ g by the LAL method
Activity	Determined by its ability to induce alkaline phosphatase production by ATDC-5 cells. The expected ED ₅₀ for this effect is < 2.0 ng/ml.
Formulation	Lyophilized from a 0.22 μ m-filtered solution containing 0.085% TFA, 30% ACN, 5% Mannitol, pH 2.5

Handling and Storage:

Reconstitution	It is recommended to redissolve in 4mM HCl.
Shipping	Wet ice (seasonal)
Storage & Stability	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Data:

Bioactivity



Determined by its ability to induce alkaline phosphatase production by ATDC-5 cells. The expected ED₅₀ for this effect is < 2.0 ng/ml. The activity of recombinant Human BMP9 (Cat. No. MGC008) is higher than the other competing product.