Recombinant Human BMP-9

Catalog Number: OM643806

Characteristics:

Source	HEK293
Description	Human BMP-9 (Ser320-Arg429) Accession # Q9UK05
Predicted molecular mass	12.1 kDa (monomer)

Specification:

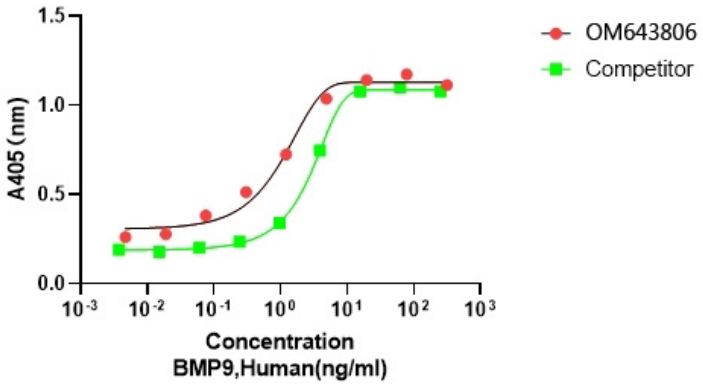
Appearance	White powder,Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R)&Non-reducing conditions,visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	Determined by its ability to induce alkaline phosphatase production by ATDC-5 cells. The expected ED_{50} for this effect is < 2.0 ng/ml.
Formulation	Lyophilized from a 0.2 um filtered solution containing 0.085% TFA,30% ACN,5% Mannitol, pH 2.5
Size	50 μg/vial, 1 mg/vial

Handling and Storage:

Reconstitution	It is recommended to redissolve in 4mM HCl.
Shipping	The product is shipped with blue ice
Storage & Stability	36 months at 2°C to 8°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. OM643806) is higher than the other competing product.