

Recombinant human BMP-9 protein (Active, HEK293)

Catalog Number: bs-48066P

Species: Human

AA Seq: 320429/429

Predicted MW: 12.1(monomer)

Tags: Tag free

Activity: Yes

Endotoxin: ≤ 10 EU/mg

Purity: $\geq 95\%$ as determined by SDS-PAGE.

Purification: AC

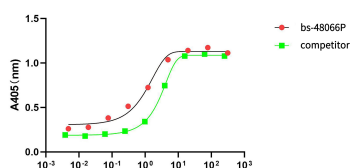
Form: Lyophilized

Storage: Lyophilized from a 0.22 μ m-filtered solution containing 0.085% TFA, 30% ACN, 5% Mannitol, pH2.5

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 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.

Background: The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in rodents suggest that this protein plays a role in the adult liver and in differentiation of cholinergic central nervous system neurons. [provided by RefSeq, Jul 2008].

VALIDATION IMAGES



Determined by its ability to induce alkaline phosphatase production by ATDC-5 cells. The expected ED50 for this effect is