

32-1091: BMP8B Recombinant Protein

Alternative Name : Bone morphogenetic protein 8B,BMP-8,BMP-8B,Osteogenic protein 2,OP-2,BMP8B,BMP8,Bone Morphogenetic protein-8b,OP2.

Description

Source : E.coli. BMP8B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 162 amino acids (264-402a.a.) and having a molecular mass of 18.1kDa.BMP8B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Bone Morphogenetic protein-8b (BMP8B) belongs to a family of secreted signaling molecules which can induce ectopic bone growth. BMP8B is known for having a possible bone inductive activity as it is related to BMP5 and BMP7. BMP8B is the osteoinductive factor accountable for epithelial osteogenesis.

Product Info

Amount : 20 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : BMP8B protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.4M Urea and 10% glycerol.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGS AVRPLRR RQPKSNELP QANRLPGIFD DVHGSHGRQV
CRRHELIVSF QDLGWLDWVI APQGY SAYYC EGECSFPLDS CMNATNHAIL QSLVHLMMPD
AVPKACCAPT KLSATSVLYY DSSNNVILRK HRNMVVKACG CH.