

Bone Morphogenetic protein-8b Human Recombinant

Item Number	rAP-2408
Synonyms	Bone morphogenetic protein 8B, BMP-8, BMP-8B, Osteogenic protein 2, OP-2, BMP8B, BMP8, Bone Morphogenetic protein-8b, OP2.
Description	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.
Uniprot Accesion Number	P34820
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGS AVRPLRR RQPKKSNELP QANRLPGIFD DVHGSHGRQV CRRHELYVSF QDLGWLDWVI APQGYSAYYC EGECSFPLDS CMNATNHAIL QSLVHLMMPD AVPKAC-CAPT KLSATSVLYY DSSNNVILRK HRNMVVKACG CH.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	BMP8B protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.4M Urea and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**