

Bone Morphogenetic protein-5 Human Recombinant

Item Number	rAP-0385
Synonyms	Bone morphogenetic protein 5, BMP-5, BMP5, MGC34244.
Description	BMP-5 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 139 amino acids (317-454 a.a.) and having a total molecular mass of 15.7 kDa. BMP-5 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P22003
Amino Acid Sequence	MAANKRKNQN RNKSSSHQDS SRMSSVG DYN TSEQKQACKK HELYVSFRDL GWQDWI APE GYAAFYCDGE CSFPLNAHMN ATNHAIVQTL VHLMFPDHVP KPCCAPT KLN AISVLYFDDS SNVILK- KYRN MVRSCGCH.
Source	Escherichia 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	The BMP-5 solution contains 10mM Sodium Citrate buffer (pH3.5) and 10% Glycerol. Greater than 95.0% 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 ender users! This product is sold for **Research Use Only**