

## Bone Morphogenetic protein-5 Human Recombinant

<b>Item Number</b>	rAP-0385
<b>Synonyms</b>	Bone morphogenetic protein 5, BMP-5, BMP5, MGC34244.
<b>Description</b>	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.
<b>Uniprot Accesion Number</b>	P22003
<b>Amino Acid Sequence</b>	MAANKRKNQN RNKSSSHQDS SRMSSVGVDYN TSEQKQACKK HEYVSRDL GWQDWIIAPE GYAAFYCDGE CSFPLNAHMN ATNHAIVQTL VHLMFDPDHVP KPCCAPTKLN AISVLYFDDDS SNVILK- KYRN MVVRSCGCH.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	The BMP-5 solution contains 10mM Sodium Citrate buffer (pH3.5) and 10% Glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**