

Bone Morphogenetic Protein-2 Human Recombinant, Monomer

Item Number	rAP-0381
Synonyms	BMP-2, BMP2A, Bone morphogenetic protein 2, BMP-2A, BMP2.
Description	Bone Morphogenetic Protein-2 Human Recombinant produced in E.Coli is a monomeric, non-glycosylated, Polypeptide chain containing 115 amino acids (283-396) and having a molecular mass of 13009 Dalton. The BMP-2 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P12643
Amino Acid Sequence	MQAKHKQRKR LKSSCKRHPL YVDFSDVGWN DWIVAPPGYH AFYCHGEC PF PLADHLNSTN HAIVQTLVNS VNSKIPKACC VPTLSAISMLYLDENEKVV LKNYQDMVVE GCGCR.
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. Please avoid freeze thaw cycles.
Formulation and Purity	BMP-2 solution contains 10mM NaAc pH=3.5 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**