

## Bone Morphogenetic protein-6 Human Recombinant

<b>Item Number</b>	rAP-0388
<b>Synonyms</b>	Bone morphogenetic protein 6, BMP-6, VG-1-related protein, VG-1-R, VGR-1, BMP6, VGR, VGR1.
<b>Description</b>	BMP6 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 164 amino acids (375-513) and having a molecular mass of 18kDa. BMP6 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P22004
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMSASSR RRQSRNRST QSQDVARVSS ASDYNSSELK TACRK- HELYV SFQDLGWQDW IIAPKGYAAN YCDGECSEFPL NAHMNATNHA IVQTLVHLMN PEYVPKPCCA PTKLN AISVL YFDDNSNVIL KKYRNMVRA CGCH.
<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 BMP6 solution (0.25mg/ml) contains 10mM Sodium citrate buffer (pH 3.5) and 10% glycerol. Greater than 85.0% 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**