

Bone Morphogenetic protein Receptor-1A Human Recombinant, IgG-

Item Number	rAP-0369
Synonyms	BMPR1A, 10q23del, ACVRLK3, ALK3, CD292, SKR5, Bone Morphogenetic Protein Receptor Type 1A, Bone Morphogenetic Protein Receptor, Type IA, Serine/Threonine-Protein Kinase Receptor R5, Activin Receptor-Like Kinase 3, BMP Type-1A Receptor, EC 2.7.11.30, ALK-3
Description	BMPR1A Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 371 amino acids (24-152a.a.) and having a molecular mass of 41.4kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).BMPR1A is fused with a 242 amino acids hlgG-His tag
Uniprot Accession Number	P36894
Amino Acid Sequence	ADPQNLD SML HGTGMKSDSD QKKSENGVTL APEDTL PFLK CYCSGHCPDD AINNTCITNG HCFAIL- EEDD QGETTLASGC MKYEGSDFQC KDSPKAQLRR TIECCRTNLC NQYLQPTLPP VVIGPFFDGS IRLEPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWY- VDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTL PPSRDELTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG
Source	Sf9, Baculovirus cells.
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	BMPR1A protein solution (1mg/ml) contains Phosphate Buffered Saline (pH7.4) 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**