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32-6311: BMPR1B Human

Alternative Name :	Bone Morphogenetic Protein Receptor, Type IB, BMP Type-1B Receptor, EC 2.7.11.30, BMPR-1B, ALK6, Bone Morphogenetic Protein Receptor Type-1B, Serine/Threonine Receptor Kinase, CDw293 Antigen, EC 2.7.11, CDw293, ALK-6, Bone morphogenetic protein receptor type-1B.

Description

Source: Escherichia Coli.
Sterile Filtered colorless solution.
Bone Morphogenetic protein Receptor-1B, also known as BMPR1B belongs to the TKL Ser/Thr protein kinase family. BMPR1B is on ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate as well as activate type I receptors which autophosphorylate, afterward bind and activate SMAD transcriptional regulators. BMPR1B is receptor for BMP7/OP-1 as well as GDF5.
BMPR1B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 136 amino acids (14-126 a.a) and having a molecular mass of 15.1kDa. BMPR1B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	BMPR1B protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 20% glycerol, 1mM DTT and 0.1mM PMSF.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSKKEDGES TAPTPRPKVL RCKCHHHCPE DSVNNICSTD GYCFTMIEED DSGLPVVTSG CLGLEGSDFQ CRDTPIPHQR RSIECCTERN ECNKDLHPTL PPLKNRDFVD GPIHHR.

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