

Recombinant Human BMPR1A Protein, MYC/DDK-tagged

Cat. No. BMPR1A-2706H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Human BMPR1A protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| Description | <p>The bone morphogenetic protein (BMP) receptors are a family of transmembrane serine/threonine kinases that include the type I receptors BMPR1A and BMPR1B and the type II receptor BMPR2. These receptors are also closely related to the activin receptors, ACVR1 and ACVR2. The ligands of these receptors are members of the TGF-beta superfamily. TGF-betas and activins transduce their signals through the formation of heteromeric complexes with 2 different types of serine (threonine) kinase receptors: type I receptors of about 50-55 kDa and type II receptors of about 70-80 kDa. Type II receptors bind ligands in the absence of type I receptors, but they require their respective type I receptors for signaling, whereas type I receptors require their respective type II receptors for ligand binding.</p> |
| Form | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| Molecular Mass | 57.4 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration | >50 ug/mL as determined by microplate BCA method |

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GENE INFORMATION

Gene Name BMPR1A bone morphogenetic protein receptor, type IA [Homo sapiens]

Official Symbol BMPR1A

Synonyms 10q23del; ACVRLK3; ALK3; CD292; SKR5

Gene ID 657

mRNA Refseq NM_004329

Protein Refseq NP_004320

MIM 601299

UniProt ID P36894

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