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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

BMPR1A (Human) Recombinant Protein (P01)

Catalog Number: H00000657-P01

Regulation Status: For research use only (RUO)

Product Description: Human BMPR1A full-length ORF (AAH28383, 1 a.a. - 532 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPQLYIYIRLLGAYLFIISRVQGGQNLDSMLHGTGMKSD
SDQKKSENGVTLAPEDTLPFLKCYCSGHCPDDAINNT
CITNGHCFAIIEEDDQGETTLASGCMKYEGSGFQCKD
SPKAQLRRTIECCRTNLCNQYLQPTLPPVVIGPFFDGS
RVLVLLISMAVCIAMIIFSSCFYKHYCKSISSRRRYNR
DLEQDEAFIPVGESLKDLDVQSQSSGSGSGLPLLVR
TIAKQIQMVRQVGKGRYGEVWMGKWRGEKVAVKVF
TTEEASWFRETEIYQTVLMRHENILGFIAADIKGTGSW
TQLYLITDYHENGSLYDFLKCATLDTRALLKLAYSAA
GLCHLHTEIYGTQGKPAIAHRDLKSKNILIKKNGSC
DLGLAVKFNSDTNEVDVPLNTRVGTKRYMAPEVLDES
LNKNHFQPYIMADIYSFGLIIEWEMARRCITGGIVEEY
QLPYYNMVPSDPSYEDMREVVCVKRLRPIVSNRWNS
DECLRVLKLMSECWAHNPASRLTALRIKKTAKMVESQ
DVKI

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 84.26

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

Entrez GeneID: 657

Gene Symbol: BMPR1A

Gene Alias: 10q23del, ACVRLK3, ALK3, CD292

Gene Summary: 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 kD and type II receptors of about 70-80 kD. 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. [provided by RefSeq]