

Recombinant Human BMPR1B protein, His-tagged

Cat. No. BMPR1B-318H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human BMPR1B protein(NP_001194)(16-57 aa), fused to His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 16-57 aa |
| Form | The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| AA Sequence | EDGESTAPTPRPKVL RCKCHHHCPEDSVNNICSTDGYCFTMI |
| Purity | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Storage | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles. |
| Reconstitution | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage. |

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GENE INFORMATION

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|------------------------|--|
| Gene Name | BMPR1B bone morphogenetic protein receptor, type IB [Homo sapiens] |
| Official Symbol | BMPR1B |
| Synonyms | BMPR1B; bone morphogenetic protein receptor, type IB; bone morphogenetic protein receptor type-1B; ALK6; CDw293; BMPR-1B; BMP type-1B receptor; activin receptor-like kinase 6; serine/threonine receptor kinase; ALK-6; |
| Gene ID | 658 |
| mRNA Refseq | NM_001203 |
| Protein Refseq | NP_001194 |
| MIM | 603248 |
| UniProt ID | O00238 |

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