

Recombinant Human BMPR1A protein, His-tagged

Cat. No. BMPR1A-2876H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BMPR1A protein(174-427 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	174-427 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	FCYKHYCKSISSRRRYNRDLEQDEAFIPVGESLKDLDIQSQSSGSGSGLPLLVRTIA KQIQMVRQVGKGRYGEVWMGKWRGEKVAVKVFFTTTEEASWFRETEIYQTVLMRH ENILGFIAADIKGTGSWTQLYLITDYHENGSLYDFLKCATLDTRALLKLAYSAAACGLCH LHTEIYGTQGKPAIAHRDLKSKNILIKKNGSCCIADLGLAVKFNSDTNEVDVPLNTRVG TKRYMAPEVLDES LNKNHFQPYIM
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.

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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.

GENE INFORMATION

Gene Name	BMPR1A bone morphogenetic protein receptor, type IA [Homo sapiens]
Official Symbol	BMPR1A
Synonyms	BMPR1A; bone morphogenetic protein receptor, type IA; ACVRLK3; bone morphogenetic protein receptor type-1A; ALK3; CD292; ALK-3; BMPR-1A; BMP type-1A receptor; activin receptor-like kinase 3; activin A receptor, type II-like kinase 3; serine/threonine-protein kinase receptor R5; SKR5; 10q23del;
Gene ID	657
mRNA Refseq	NM_004329
Protein Refseq	NP_004320
MIM	601299
UniProt ID	P36894

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