

Recombinant Human ACVR2B protein, His-tagged

Cat. No. ACVR2B-4633H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACVR2B protein(23-175 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	23-175 aa
Tag	N-His
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.
Purity	90%, 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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence	EAETRECIYYNANWELERTNQSGLERCEGEQDKRLHCYASWRNSSGTIELVKKGC WLDDFNCYDRQECVATEENPQVYFCCCEGNFCNERFTHLPEAGGPEVTYEPPTA PTLLTVLAYSLPIGGLSLIVLLAFWMYRHRKPPYGHVDIHED
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GENE INFORMATION

Gene Name	ACVR2B activin A receptor, type IIB [Homo sapiens]
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Official Symbol	ACVR2B
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Synonyms	ACVR2B; activin A receptor, type IIB; activin receptor type-2B; ActR IIB; HTX4; ACTRIIB; ActR-IIB;
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Gene ID	93
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mRNA Refseq	NM_001106
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Protein Refseq	NP_001097
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MIM	602730
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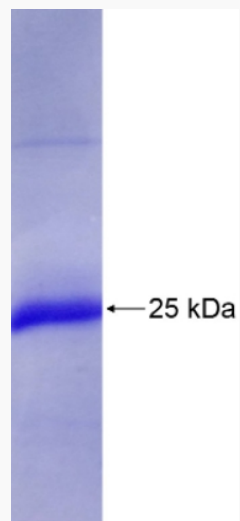
UniProt ID	Q13705
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SDS-PAGE



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