

Recombinant Human ACVR1B protein, GST-tagged

Cat. No. ACVR1B-1532H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACVR1B protein(211-448 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	211-448 aa
Tag	N-GST
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

EIIGKGRFGEVWRGRWRGGDVAVKIFSSREERSWFREAEIYQTVMLRHENILGFIAA
 DNKDNGTWTQLWLVS DYHEHGS LFDYLNRYTVTIEGMIKLALSAASGLAHLHMEIVG
 TQGKPGIAHRDLKSKNILVKKNGMCAIADLGLAVRHDAVTDITIDIAPNQ RVG TKRYMA
 PEVLDETINMKHFDSFKCADIYALGLVYWEIARRCNSGGVHEEYQLPYYDLVPSDPSI
 EEMRKVVC

GENE INFORMATION

Gene Name [ACVR1B activin A receptor, type IB \[Homo sapiens \]](#)

Official Symbol [ACVR1B](#)

Synonyms ACVR1B; activin A receptor, type IB; ACVRLK4; activin receptor type-1B; ActRIB; ALK4; SKR2; activin receptor-like kinase 4; activin A receptor, type II-like kinase 4; serine/threonine-protein kinase receptor R2; ACTRIB;

Gene ID [91](#)

mRNA Refseq [NM_004302](#)

Protein Refseq [NP_004293](#)

MIM [601300](#)

UniProt ID [P36896](#)

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SDS-PAGE

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