

Recombinant Human ACVRL1 protein, GST-tagged

Cat. No. ACVRL1-9359H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACVRL1 protein(142-503 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	142-503 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	85%, 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

HVRRRQEKQRGLHSELGESSLILKASEQGDSMLGDLLDSDCTTGSGSGLPFLVQRT
 VARQVALVECVGKGGRYGEVWRGLWHGESVAVKIFSSRDEQSWFRETEIYNTVLLR
 HDNILGFIASDMTSRNSSTQLWLITHYHEHGSYDFLQRQTLEPHLALRLAVSAACGL
 AHLHVEIFGTQGKPAIAHRDFKSRNVLVKSNLQCCIADLGLAVMHSQGS DYLDIGNN
 PRVGTKRYMAPEVLDEQIRTD CFESYKWTDI WAFGLVLWEIARRTIVNGIVEDYRPP
 FYDVVPNDPSFEDMKKVVCVDQQTPTIPNRLAADPVLSGLAQMMRECWYPNPSAR
 LTALRIKKT LQKISNSPEKPKVIQ

GENE INFORMATION
Gene Name

[ACVRL1 activin A receptor type II-like 1 \[Homo sapiens \]](#)

Official Symbol

[ACVRL1](#)

Synonyms

ACVRL1; activin A receptor type II-like 1; ACVRLK1, ORW2; serine/threonine-protein kinase receptor R3; ALK1; HHT; HHT2; activin receptor-like kinase 1; TGF-B superfamily receptor type I; activin A receptor, type II-like kinase 1; ORW2; SKR3; ALK-1; TSR-I; ACVRLK1;

Gene ID

[94](#)

mRNA Refseq

[NM_000020](#)

Protein Refseq

[NP_000011](#)

MIM

[601284](#)

UniProt ID

[P37023](#)

SDS-PAGE

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