

Active Recombinant Human ACVR1B protein, His-tagged

Cat. No. ACVR1B-645H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human ACVR1B protein(P36896-1)(Ser24-Glu126) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	24-126 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Human ACVR1B, His Tag captured on CM5 Chip via Anti-His Antibody can bind Human Activin A, No Tag with an affinity constant of 18.43 nM as determined in SPR assay.
Molecular Mass	The protein has a predicted MW of 12.51 kDa. Due to glycosylation, the protein migrates to 15-25 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

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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