

Active Recombinant Human ACVR1B protein, hFc&His-tagged

Cat. No. ACVR1B-2614H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human ALK-4/ACVR1B Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met 1-Glu 126) of human ACVR1B (Accession #NP_004293.1) fused with a C-hFchis at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met 1-Glu 126
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human ACVR1B at 0.5 µg/mL (100 µL/well) can bind Human ACVR2B with a linear range of 2.0-286.1 ng/mL.
Molecular Mass	46 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 97% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile 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

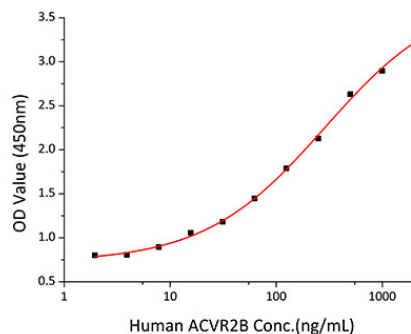
mRNA Refseq NM_004302

Protein Refseq NP_004293

MIM 601300

UniProt ID P36896

Bio-activity

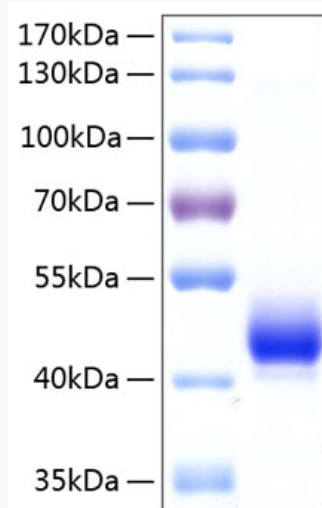


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SDS-PAGE



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