

Active Recombinant Human ACVR1B protein, hFc&His-tagged

Cat. No. ACVR1B-560H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACVR1B protein(Met1-Glu126), fused with C-terminal hFc and his tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-126 aa
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	40.37 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.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

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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](#)

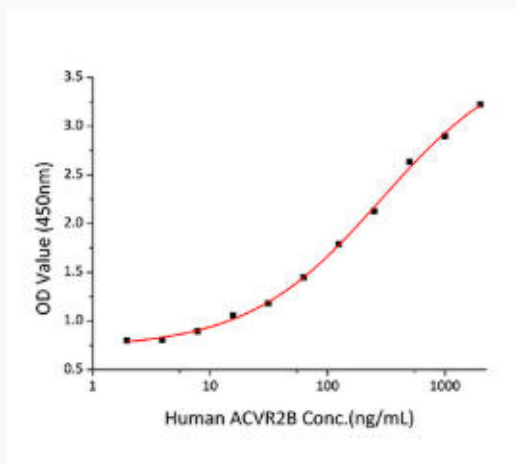
UniProt ID [P36896](#)

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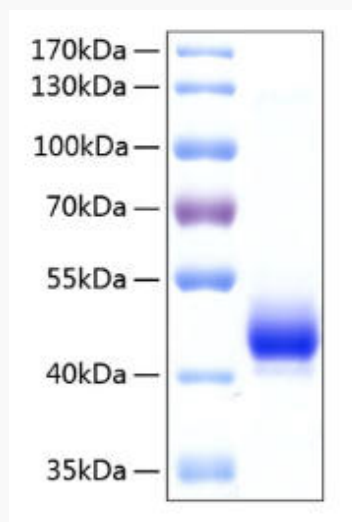
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Activity



SDS-PAGE



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