

Active Recombinant Human ACVR2B protein, hFc&His-tagged

Cat. No. ACVR2B-2675H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human Activin RIIB/ACVR2B Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser19-Thr134) of human ACVR2B/Activin RIIB (Accession #NP_001097.2) fused with an Fc, 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Ser19-Thr134
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	1.Measured by its binding ability in a functional ELISA.Immobilized Human ACVR2B at 1 µg/mL (100 µL/well) can bind Human BMPRIA with a linear range of 0.5-62.5 ng/mL. 2.Measured by its binding ability in a functional ELISA.Immobilized Human CD105 at 1 µg/mL (100 µL/well) can bind Human ACVR2B with a linear range of 0.49-43.03 ng/mL.
Molecular Mass	50-70 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.

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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.

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

GENE INFORMATION

Gene Name ACVR2B activin A receptor, type IIB [Homo sapiens]

Official Symbol ACVR2B

Synonyms ACVR2B; activin A receptor, type IIB; activin receptor type-2B; ActR IIB; HTX4; ACTRIIB; ActR-IIB;

Gene ID 93

mRNA Refseq NM_001106

Protein Refseq NP_001097

MIM 602730

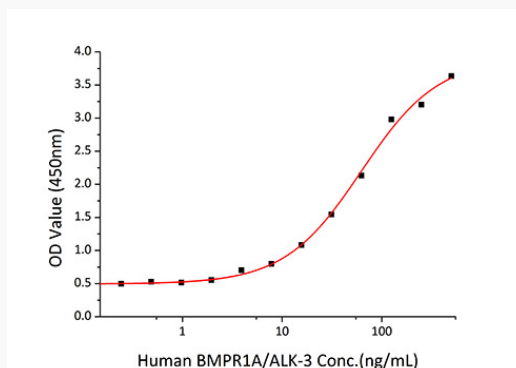
UniProt ID Q13705

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Bio-activity



SDS-PAGE

