

Active Recombinant Human/Cynomolgus ACVR2B protein, His-tagged, Low Endotoxin

Cat. No. ACVR2A-5671H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human/Cynomolgus ACVR2B protein(Q13705-1(Human) / XP_045242398.1(Cynomolgus))(19-137 aa(Human) / 40-158 aa(Cynomolgus)), fused with C-terminal His tag, was expressed in HEK293.
Species	Human/Cynomolgus
Source	HEK293
ProteinLength	19-137 aa(Human)/40-158 aa(Cynomolgus)
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human/Cynomolgus Activin RIIB, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human/Mouse/Rat Activin A, Avi Tag with the EC50 of 3.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 14.75 kDa. Due to glycosylation, the protein migrates to 25-45 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

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Storage Store at -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.

Reconstitution Dissolve the lyophilized protein in 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

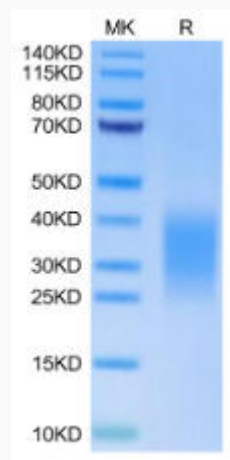
UniProt ID Q13705

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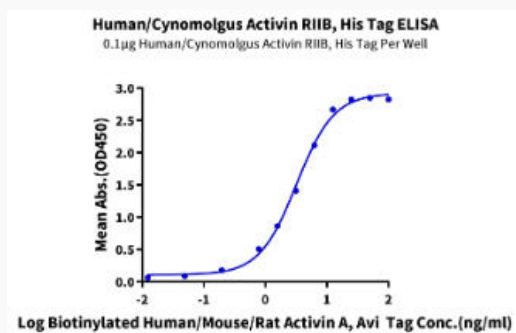
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Bis-Tris PAGE



ELISA Data



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