

Active Recombinant Human/Cynomolgus ACVR2B protein, hFc-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. ACVR2B-2392H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human/Cynomolgus ACVR2B protein(Q13705-1(Human) / XP_045242398.1(Cynomolgus))(19-137 aa(Human) / 40-158 aa(Cynomolgus)), fused with C-terminal hFc and Avi tag, was expressed in HEK293.
Species	Human/Cynomolgus
Source	HEK293
ProteinLength	19-137 aa(Human) / 40-158 aa(Cynomolgus)
Conjugation/Label	Biotin
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 Activin A, No Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human/Cynomolgus Activin RIIIB, hFc Tag with the EC50 of 20.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 41.41 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
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

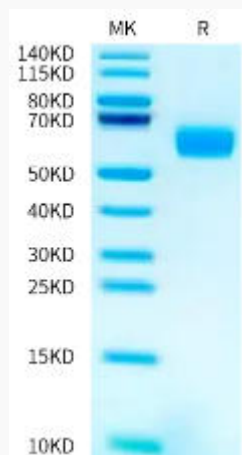
Gene Name	ACVR2B activin A receptor, type IIB [Homo sapiens]
Official Symbol	ACVR2B
Synonyms	ACVR2B; activin A receptor, type IIB; activin receptor type-2B; ActR IIB; HTX4; ACTRIIB; ActR-IIB;
Gene ID	93
mRNA Refseq	NM_001106
Protein Refseq	NP_001097
MIM	602730
UniProt ID	Q13705

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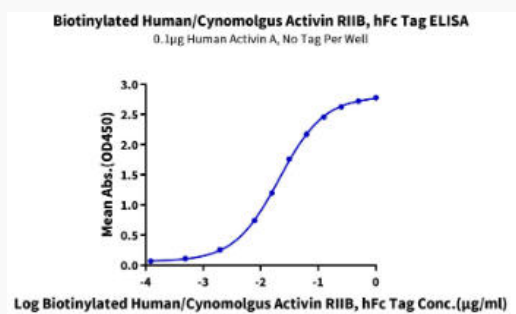
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Bis-Tris PAGE



ELISA Data



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