

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

Cat. No. ACVR2B-196H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human/Cynomolgus ACVR2B protein(Q13705-1(Human) / XP_045242398.1(Cynomolgus))(Ser19-Thr137 (Human) / Ser40-Thr158 (Cynomolgus)) is expressed from HEK293 with hFc (IgG1) tag at the C-terminus.
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).
Bio-activity	Immobilized Human/Mouse/Rat Activin A, No Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human/Cynomolgus Activin RIIb, hFc Tag with the EC50 of 4.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 39.6 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.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after

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

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

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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

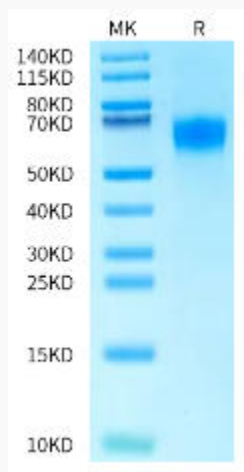
UniProt ID Q13705

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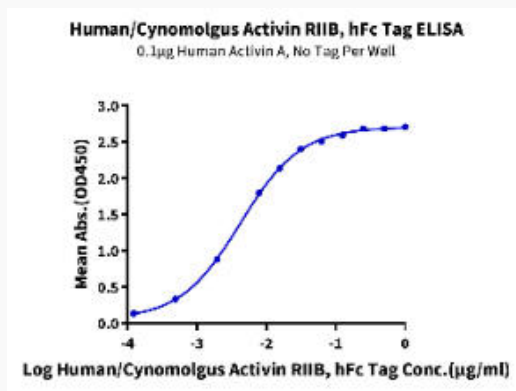
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Bis-Tris PAGE



ELISA Data



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