

Active Recombinant Human/Cynomolgus ACVR2A protein, hFc-tagged, Low Endotoxin

Cat. No. ACVR2A-11237H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human/Cynomolgus ACVR2A protein(P27037-1(Human) / G7PKJ4(Cynomolgus))(20-135 aa), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human/Cynomolgus
Source	HEK293
ProteinLength	20-135 aa
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/Mouse/Rat Activin A, No Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human/Cynomolgus Activin RIIA, hFc Tag with the EC50 of 1.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of W 39.35 kDa. Due to glycosylation, the protein migrates to 55-65 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 [ACVR2A activin A receptor, type IIA \[Homo sapiens \]](#)

Official Symbol [ACVR2A](#)

Synonyms ACVR2A; activin A receptor, type IIA; activin A receptor, type II, ACVR2; activin receptor type-2A; ACTRII; ACVR2;

Gene ID [92](#)

mRNA Refseq [NM_001616](#)

Protein Refseq [NP_001607](#)

MIM [102581](#)

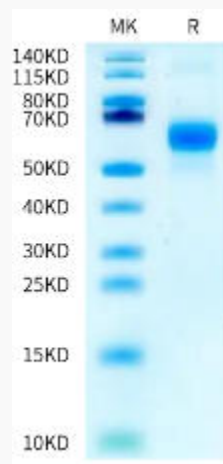
UniProt ID [P27037](#)

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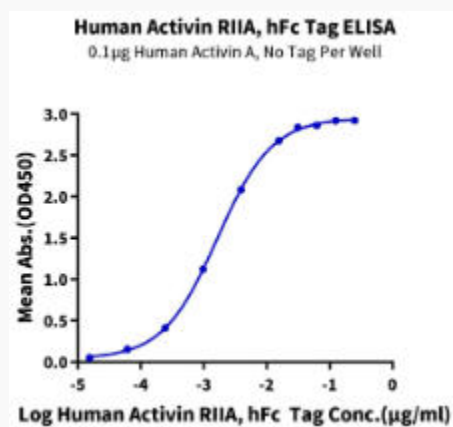
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Bis-Tris PAGE



ELISA Data



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