

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

Cat. No. ACVR2A-11204H **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 His 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 Activin A, No Tag at 5 µg/ml (100 µl/well) on the plate. Dose response curve for Human/Cynomolgus Activin RIIA, His Tag with the EC50 of 0.23 µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 14.50 kDa. Due to glycosylation, the protein migrates to 30-45 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 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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