

Active Recombinant Rat Acvr2a protein, His-tagged, Low Endotoxin

Cat. No. ACVR2A-150R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Acvr2a protein(P38444)(20-135 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
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 2µg/ml (100µl/well) on the plate. Dose response curve for Rat Activin RIIA, His Tag with the EC50 of 0.36µng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 15.06 kDa. Due to glycosylation, the protein migrates to 35-45 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
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

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

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 \[Rattus norvegicus \]](#)

Official Symbol [Acvr2a](#)

Synonyms ACVR2A; activin A receptor, type IIA; activin receptor type-2A; ACTR-IIA; activin receptor IIA; type II activin receptor; activin receptor type IIA; Acvr2; rActR-II;

Gene ID [29263](#)

mRNA Refseq [NM_031571](#)

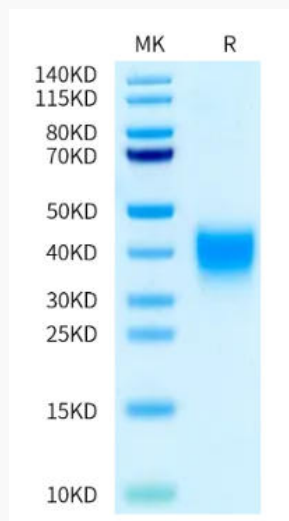
Protein Refseq [NP_113759](#)

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

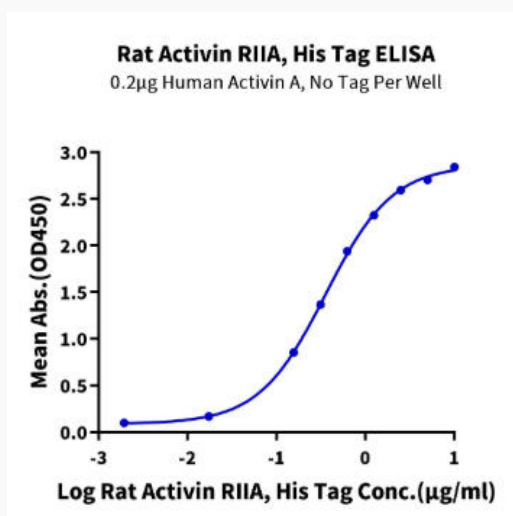
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Bis-Tris PAGE



ELISA Data



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