

Active Recombinant Mouse Acvr1c protein, His-tagged, Low Endotoxin

Cat. No. Acvr1c-11178M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Acvr1c protein(Q8K348)(26-113 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	26-113 aa
Form	Lyophilized from 0.22 µm filtered solution in 20mM Tris, 150mM NaCl (pH 7.5). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Mouse ALK-7, His Tag at 0.5µg/ml(100µl/well) on the plate. Dose response curve for Anti-ALK7 Antibody, hFc Tag with the EC50 of 2.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 11.14 kDa. Due to glycosylation, the protein migrates to 20-40 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	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3

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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 *Acvr1c* activin A receptor, type IC [*Mus musculus*]

Official Symbol *Acvr1c*

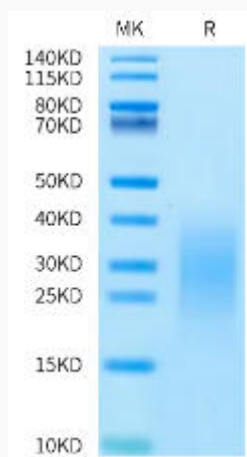
Synonyms ACVR1C; activin A receptor, type IC; activin receptor type-1C; ACTR-IC; activin receptor type IC; activin receptor-like kinase 7; ALK7; Alk-7; ACVRLK7; C230097P10;

Gene ID 269275

mRNA Refseq NM_001033369

Protein Refseq NP_001028541

Bis-Tris PAGE

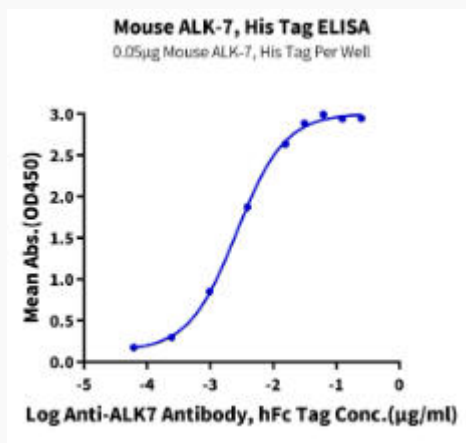


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ELISA Data



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