

Active Recombinant Human ACVR1C protein, His-tagged, Low Endotoxin

Cat. No. ACVR1C-256H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACVR1C protein(Q8NER5-1)(Glu21-Glu113), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	21-113 aa
Form	Lyophilized from 0.22 µm filtered solution in 20mM Tris, 150mM NaCl, 8% trehalose (pH 7.5).
Bio-activity	Immobilized Human ALK-7, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-ALK-7 Antibody, hFc Tag with the EC50 of 3.15ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 11.11 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 24 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 [Homo sapiens]

Official Symbol ACVR1C

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

Gene ID 130399

mRNA Refseq NM_001111031

Protein Refseq NP_001104501

MIM 608981

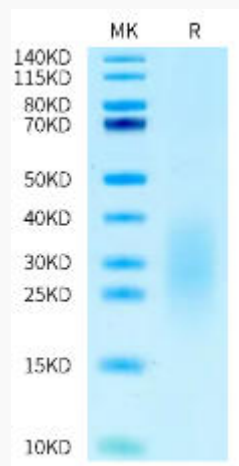
UniProt ID Q8NER5

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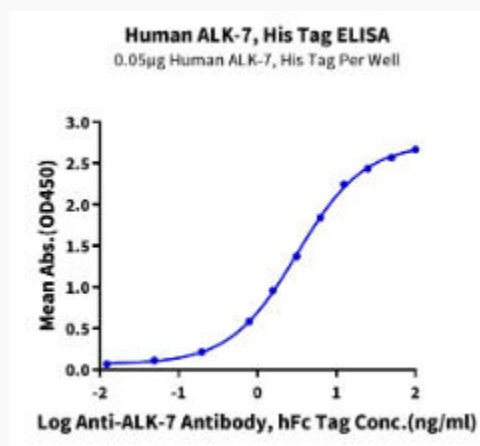
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Bis-Tris PAGE



ELISA Data



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