

Active Recombinant Human ACVR1C protein, Fc-tagged

Cat. No. ACVR1C-255H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human ACVR1C protein(Q8NER5-1)(Glu21-Glu113) is expressed from HEK293 with hFc (IgG1) tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	21-113 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human ALK-7, hFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-ALK-7 Antibody, hFc Tag with the EC50 of 4.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 35.96 kDa. Due to glycosylation, the protein migrates to 48-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 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 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution	Dissolve the lyophilized protein in distilled water.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001104501.1
Unit ID	Q8NER5
Unit ID-Weblink	http://www.uniprot.org/uniprot/Q8NER5

GENE INFORMATION

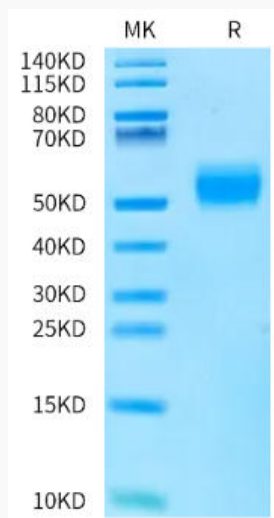
Gene Name	ACVR1C activin A receptor, type IC [Homo sapiens]
Official Symbol	ACVR1C
Synonyms	ACVR1C; activin A receptor, type IC; activin receptor type-1C; ACVRLK7; ALK7; ALK-7; ACTR-IC; activin receptor type IC; activin receptor-like kinase 7;
Gene ID	130399
mRNA Refseq	NM_001111031
protein Refseq	NP_001104501
MIM	608981

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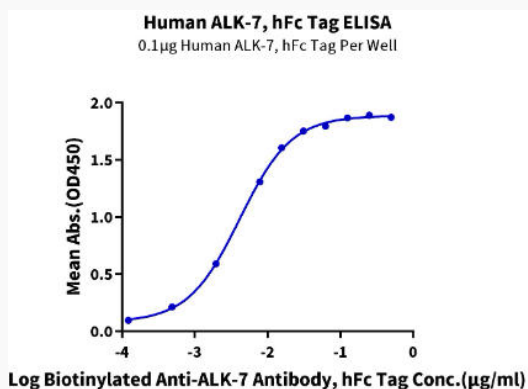
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Bis-Tris PAGE



ELISA Data



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