Recombinant Rhesus macaque ACVR1C Protein, His Tagged

Cat. No. ACVR1C-11196R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Rhesus macaque ALK-7 Protein, His Tag is expressed from human 293 cells (HEK293). It contains AA Gly 25-Glu 113 (Accession # F7GDQ6). This protein carries a polyhistidine tag at the C-terminus. The protein is designed as a dimer.
Species	Rhesus macaque
Source	HEK293
ProteinLength	25-113 aa
Description	ALK-7, also known as ACVR1C, is a Type I receptor for the TGF-beta family of signaling molecules. Upon ligand binding, it initiates intracellular signaling by phosphorylating cytoplasmic SMAD transcription factors. These activated SMADs then translocate to the nucleus to regulate gene expression, either directly or in complex with other transcription factors.
Form	Lyophilized from 0.22 μm filtered solution in 20 mM Tris, 150 mM NaCl, pH7.5 with trehalose as protectant.
Molecular Mass	The protein has a calculated MW of 11.6 kDa. The protein migrates as 19-33 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity	>90% as determined by SDS-PAGE. >90% as determined by SEC-MALS.

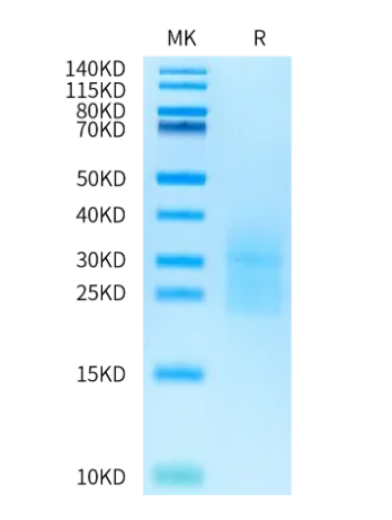
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Storage	This product is stable after storage at: -20 to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 μg/μL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name	ACVR1C activin A receptor type 1C [Macaca mulatta (Rhesus monkey)] Gene ID: 697826, updated on 10-Feb-2026 Download Datasets
Official Symbol	ACVR1C
Synonyms	ACVR1C; activin A receptor type 1C; activin receptor type-1C; activin A receptor, type IC; C 2.7.11.30
Gene ID	697826
mRNA Refseq	NM_001266690
Protein Refseq	NP_001253619
UniProt ID	F7GDQ6

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SDS-PAGE	

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