

Recombinant Human ACVR1C Protein, His tagged

Cat. No. ACVR1C-839H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACVR1C Protein with C-His tag was expressed in Baculovirus-Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	135-493 aa
Description	ACVR1C is a type I receptor for the TGFB (see MIM 190180) family of signaling molecules. Upon ligand binding, type I receptors phosphorylate cytoplasmic SMAD transcription factors, which then translocate to the nucleus and interact directly with DNA or in complex with other transcription factors.
Tag	C-His
Molecular Mass	43 kDa
AA Sequence	MACQGRQCSYRKKKRPNVEEPLSECNLVNAGKTLKDLIYDVTASGSGSGLPLLVQR TIARTIVLQEIVGKGRFGEVWHGRWCGEDVAVKIFSSRDERYWFREAIEYQTVMLRH ENILGFIAADNKDNGTWTQLWLVSEYHEQGSYDYLNRNIVTMAGMIKLALSISGLA HLHMEIVGTQGKPAIAHRDIKSKNILVKKCETCAIADLGLAVKHDSILNTIDIPQNPVKVG TKRYMAPEMLDDTMNVNIFESFKRADIYSVGLVYWEIARRCSVGGIVEEYQLPYDM VPSDPSIEEMRKVVCDQKFRPSIPNQWQSCEALRVMGRIMRECWYANGAARLTAL RIKKTISQLCVKEDCKALVPRGSHHHHHHHH

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Purity	> 80% by SDS-PAGE
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile 50mM Tris, pH7.5, 150mM NaCl, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% Glycerol, 500mM Arginine.
Concentration	0.75 mg/mL by Bradford

GENE INFORMATION

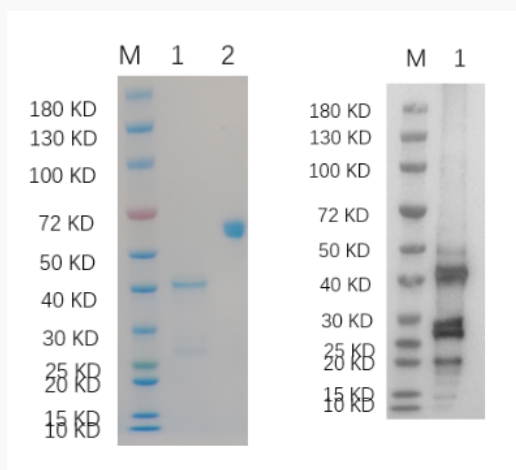
Gene Name	ACVR1C activin A receptor type 1C [Homo sapiens (human)]
Official Symbol	ACVR1C
Synonyms	ACVR1C; activin A receptor, type IC; activin receptor type-1C; ACVRLK7; ALK7; ALK-7; ACTR-IC; activin receptor type IC; activin receptor-like kinase 7;
Gene ID	130399
mRNA Refseq	NM_001111031
Protein Refseq	NP_001104501
MIM	608981
UniProt ID	Q8NER5

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**Reducing 4%-20%
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
Antibody) analysis
profiles of purified
ACVR1C.**



1. ACVR1C: 1 μ g
2. BSA: 1 μ g

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