

Recombinant Human ACVR1C Protein, GST-tagged

Cat. No. ACVR1C-252H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACVR1C full-length ORF (AAH22530.1, 1 a.a. - 493 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Protein Length	1-493aa
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 (Bondestam et al., 2001 [PubMed 12063393]).[supplied by OMIM, Mar 2008]
Molecular Mass	79.97 kDa
AA Sequence	MTRALCSALRQALLLLAAAAELSPGLKCVCLLCDSSNFTCQTEGACWASVMLTNGK EQVIKSCVSLPELNAQVFCHSSNNVTKTECCFTDFCENNITLHLPTASPNAPKLGPME LAIITVPVCLLSIAAMLTWACQGRQCSYRKKKRPNVEEPLSECNLVNAGKTLKDLIY DVTASGSGSGLPLLVQRTIARTIVLQEIVGKGRFGEVWHGRWCGEDVAVKIFSSRDE RYWFREAIEYQTVMLRHENILGFIAADNKDNGTWTQLWLTVSEYHEQGSLEYDYLNRNI VTMAGMIKLALSISGLAHLHMEIVGTQGKPAIAHRDIKSKNILVKKCETCAIADLGLAV KHDSILNTIDIPQNPVKVGTKRYMAPEMLDDTMNVNIFESFKRADIYSVGLVYWEIARR CSVGGIVEEYQLPYDDMVPSDPSIEEMRKVVCDQKFRPSIPNQWQSCEALRVMGRI

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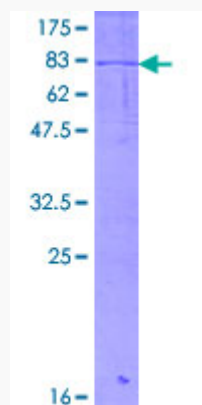
 45-1 Ramsey Road, Shirley, NY 11967, USA

	MRECWYANGAARLTALRIKKTISQLCVKEDCKA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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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12.5% SDS-PAGE Stained with Coomassie Blue.

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