

Recombinant Human v protein, GST/His-tagged

Cat. No. ACVR1C-189H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACVR1C, transcript variant 1, fused with GST tag at N-terminal and His tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	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]).
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	82.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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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_145259
Protein Refseq	NP_660302
MIM	608981
UniProt ID	Q8NER5

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