

Recombinant Human ACVR1C Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ACVR1C-5045H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ACVR1C MS Standard C13 and N15-labeled recombinant protein (NP_001104503) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	1-493aa
Description	ACVR1C is a type I receptor for the TGFB 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.
Molecular Mass	37.3 kDa
AA Sequence	MTRALCSALRQALLLLAAAAELSPGLKCVCLLCDSSNFTCQTEGACWASVMLTNGK EQVIKSCVSLPELNAQVFCHSSNNVTKTECCFTDFCENNITLHLPTDNGTWTQLWLVS EYHEQGSLYDYLNRNIVTVAGMIKLALSISGLAHLHMEIVGTQGKPAIAHRDIKSKNI LVKKCETCAIADLGLAVKHDSILNTIDIPQNPVKVGTKRYMAPEMLDDTMNVNIFESFK RADIYSVGLVYWEIARRCSVGGIVEEYQLPYYDMVPSDPSIEEMRKVVCDQKFRPSI PNQWQSCEALRVMGRIMRECWYANGAARLTALRIKKTISQLCVKEDCKATRTRPLE QKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

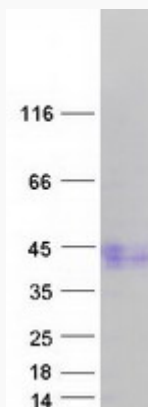
GENE INFORMATION

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_001111033
Protein Refseq	NP_001104503
MIM	608981
UniProt ID	Q8NER5

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SDS-PAGE

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