

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 TGFβ 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
 EYHEQGSLYDYLNRNIVTVAGMIKLALSISGLAHLHMEIVGTQGGKPAIAHRDIKSKNI
 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_0011111033
Protein Refseq	NP_001104503
MIM	608981
UniProt ID	Q8NER5

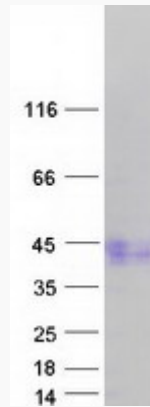
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SDS-PAGE



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