Recombinant Human ACVR2B protein, Flag-tagged, Biotinylated

Cat. No. ACVR2B-29H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACTR2B, cytoplasmic domain [161-512(end) amino acids of accession number NP_001097.2] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	161-512 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	43 kDa
Purity	>96% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	ACVR2B activin A receptor, type IIB [Homo sapiens]

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Official Symbol	ACVR2B
Synonyms	ACVR2B; activin A receptor, type IIB; activin receptor type-2B; ActR IIB; HTX4; ACTRIIB; ActR-IIB;
Gene ID	93
mRNA Refseq	NM_001106
Protein Refseq	NP_001097
MIM	602730
UniProt ID	Q13705
Chromosome Location	3p22
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Developmental Biology, organism-specific biosystem; Regulation of Signaling by NODAL, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by BMP, organism-specific biosystem; Signaling by NODAL, organism-specific biosystem;
Function	ATP binding; activin binding; activin receptor activity, type II; contributes_to activin receptor activity, type II; growth factor binding; inhibin beta-A binding; inhibin beta-B binding; metal ion binding; nucleotide binding; protein binding; protein serine/threonine kinase activity; protein serine/threonine kinase activity

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