

Active Recombinant Human ACVR1B, Fc Chimera

Cat. No. ACVR1B-189H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACVR1B (Accession # AAA60556) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Leu32
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized rhActivin RIB/Fc Chimera at 2 µg/mL (100 µL/well) can bind rhCripto with a linear range of 0.8 - 100 ng/mL.
Molecular Mass	Recombinant Human ACVR1B, Fc Chimera has a calculated MW of 37.5 kDa (monomer). In SDS-PAGE migrates as 45-50 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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Gene Name	ACVR1B activin A receptor, type IB [Homo sapiens]
Official Symbol	ACVR1B
Synonyms	ACVR1B; activin A receptor, type IB; ACVRLK4; activin receptor type-1B; ActRIB; ALK4; SKR2; activin receptor-like kinase 4; activin A receptor, type II-like kinase 4; serine/threonine-protein kinase receptor R2; ACTRIB;
Gene ID	91
mRNA Refseq	NM_004302
Protein Refseq	NP_004293
MIM	601300
UniProt ID	P36896
Chromosome Location	12q13