

Active Recombinant Mouse Acvr1b Protein, Fc Chimera

Cat. No. Acvr1b-586M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Acvr1b (Accession # NP_031421), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
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 rmActivin RIB/Fc Chimera at 1 µg/mL (100 µL/well) can bind rmCripto with a linear range of 0.8 - 100 ng/mL.
Molecular Mass	Recombinant Mouse Acvr1b, Fc Chimera has a calculated MW of 37.2 kDa (monomer). In SDS-PAGE migrates as 44 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).
Reconstitution	Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine

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serum albumin.

GENE INFORMATION

Gene Name	Acvr1b activin A receptor, type 1B [<i>Mus musculus</i>]
Official Symbol	Acvr1b
Synonyms	ACVR1B; activin A receptor, type 1B; activin receptor type-1B; ALK-4; activin receptor type 1B; activin receptor-like kinase 4; serine/threonine-protein kinase receptor R2; Alk4; SKR2; ActR1B; ActR-1B; Acvrlk4; 6820432J04;
Gene ID	11479
mRNA Refseq	NM_007395
Protein Refseq	NP_031421
MIM	

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