

## Active Recombinant Mouse Acvr1b Protein, Fc Chimera

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Acvr1b (Accession # NP_031421), fused with , was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Leu32
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Recombinant Mouse Acvr1b, Fc Chimera has a calculated MW of 37.2 kDa (monomer). In SDS-PAGE migrates as 44 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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).
<b>Reconstitution</b>	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 \[ Mus musculus \]](#)

**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; Acvr1k4; 6820432J04;

**Gene ID** [11479](#)

**mRNA Refseq** [NM\\_007395](#)

**Protein Refseq** [NP\\_031421](#)

**MIM**

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