

Recombinant Rat Acvr1b, Fc tagged

Cat. No. Acvr1b-8721R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Acvr1b (Met1-Glu126), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Rat
Source	Human Cells
ProteinLength	1-126 a.a.
Predicted N Terminal	Ser 24
Form	Lyophilized from sterile PBS, pH 7.4Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant rat ACVR1B/Fc is a disulfide-linked homodimer. The reduced monomer comprises 344 amino acids and has a predicted molecular mass of 38.4 kDa. The apparent molecular mass of the protein is approximately 42 and 34 kDa in SDS-PAGE under reduci
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage

Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION**Gene Name**

[Acvr1b activin A receptor, type IB \[Rattus norvegicus \]](#)

Official Symbol

Acvr1b

Gene ID

[29381](#)

mRNA Refseq

[NM_199230](#)

Protein Refseq

[NP_954700](#)

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