

Recombinant Rat Acvr1 protein, hFc-tagged

Cat. No. Acvr1-8719R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Acvr1 protein(P80201)(Met1-Glu123), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Glu123
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat ACVR1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 344 amino acids and has a predicted molecular mass of 38.5 kDa. The apparent molecular mass of the protein is approximately 43 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Acvr1 activin A receptor, type I \[Rattus norvegicus \]](#)

Official Symbol [Acvr1](#)

Synonyms

ACVR1; activin A receptor, type I; activin receptor type-1; SKR1; TSR-I; ACTR-I; activin receptor type I; activin type I receptor; activin A receptor, type 1; TGF-B superfamily receptor type I; serine/threonine-protein kinase receptor R1;

Gene ID [79558](#)

mRNA Refseq [NM_024486](#)

Protein Refseq [NP_077812](#)

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