

Recombinant Mouse Acvr1 protein, His-tagged

Cat. No. Acvr1-5682M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Acvr1 aa. (Ile208~Lys340 (Accession # P37172)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ile208~Lys340
Form	Freeze-dried powder
Molecular Mass	17 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.9.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Acvr1 activin A receptor, type 1 [Mus musculus (house mouse)]
Official Symbol	Acvr1
Synonyms	Acvr1; activin A receptor, type 1; ALK2; Acvr; Alk8; SKR1; Alk-2; Tsk7L; ActR-I; ActRIA; Acvr1k2; D330013D15Rik; activin receptor type-1; TGF-B superfamily receptor type I; TSK-7L; TSR-I; activin receptor type I; serine/threonine-protein kinase receptor R1
Gene ID	11477
mRNA Refseq	NM_001110204.1
Protein Refseq	NP_001103674.1
UniProt ID	P37172

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