

Recombinant Mouse Smad1 protein, His & T7-tagged

Cat. No. Smad1-657M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Smad1 aa. (Trp271~Ser465 (Accession # P70340)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Trp271~Ser465
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.2.
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 lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

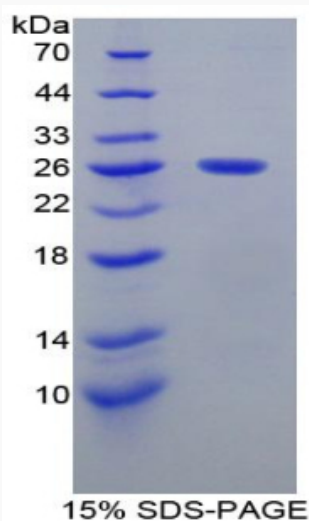
Gene Name	Smad1 SMAD family member 1 [Mus musculus (house mouse)]
Official Symbol	Smad1
Synonyms	Smad1; SMAD family member 1; Mlp1; Madh1; Mdr1; MusMLP; AI528653; mothers against decapentaplegic homolog 1; MAD homolog 1; Smad 1; dwarfin-A; dwf-A; mMad1; mad-related protein 1; mothers against DPP homolog 1; mothers-against-DPP-related 1
Gene ID	17125
mRNA Refseq	NM_008539.3
Protein Refseq	NP_032565.2
UniProt ID	P70340

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SDS-PAGE



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