

Recombinant Mouse Smad2 Protein, His-tagged

Cat. No. Smad2-307M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Smad2(Ala272~Ser467) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala272~Ser467
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	23.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
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 centigrade 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution Reconstitute in PBS or others

GENE INFORMATION

Gene Name Smad2 MAD homolog 2 (Drosophila) [Mus musculus]

Official Symbol Smad2

Synonyms SMAD2; MAD homolog 2 (Drosophila); mothers against decapentaplegic homolog 2; Smad 2; SMAD family member 2; mad-related protein 2; mothers against DPP homolog 2; Madh2; Madr2; mMad2; Smad-2; 7120426M23Rik;

Gene ID 17126

mRNA Refseq NM_001252481

Protein Refseq NP_001239410

UniProt ID Q62432

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