

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. |

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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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