

Recombinant Human SMAD3 protein, His/MBP-tagged

Cat. No. SMAD3-327H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMAD3(241-425 aa) fused with His/MBP tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	241-425 aa
Description	The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene products of the Drosophila gene 'mothers against decapentaplegic' (Mad) and the C. elegans gene Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions as a transcriptional modulator activated by transforming growth factor-beta and is thought to play a role in the regulation of carcinogenesis.
Form	Liquid in PBS
Purity	SDS-PAGE >90%
Applications	WB Positive Control
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name [SMAD3 SMAD family member 3 \[Homo sapiens \]](#)

Official Symbol [SMAD3](#)

Synonyms

SMAD3; SMAD family member 3; MAD, mothers against decapentaplegic homolog 3 (Drosophila) , MADH3, SMAD, mothers against DPP homolog 3 (Drosophila); mothers against decapentaplegic homolog 3; HsT17436; JV15 2; mad3; hMAD-3; hSMAD3; MAD homolog 3; mad homolog JV15-2; mad protein homolog; mothers against DPP homolog 3; SMA- and MAD-related protein 3; SMAD, mothers against DPP homolog 3; MAD, mothers against decapentaplegic homolog 3; LDS1C; MADH3; JV15-2; HSPC193; MGC60396; DKFZp586N0721; DKFZp686J10186;

Gene ID [4088](#)

mRNA Refseq [NM_001145102](#)

Protein Refseq [NP_001138574](#)

MIM [603109](#)

UniProt ID [P84022](#)

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