

Recombinant Human SMAD1, GST-tagged

Cat. No. SMAD1-2799H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMAD1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	19-229aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	SMAD1 SMAD family member 1 [Homo sapiens]
Official Symbol	SMAD1
Synonyms	SMAD1; SMAD family member 1; MAD, mothers against decapentaplegic homolog 1 (Drosophila) , MADH1, SMAD, mothers against DPP homolog 1 (Drosophila); mothers against decapentaplegic homolog 1; JV4 1; MADR1; MAD homolog 1; Mad-related protein 1; TGF-beta signaling protein 1; mothers against DPP homolog 1;

 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

	SMAD, mothers against DPP homolog 1; MAD, mothers against decapentaplegic homolog 1; transforming growth factor-beta signaling protein 1; transforming growth factor-beta-signaling protein 1; BSP1; JV41; BSP-1; JV4-1; MADH1;
Gene ID	4086
mRNA Refseq	NM_001003688
Protein Refseq	NP_001003688
MIM	601595
UniProt ID	Q15797
Chromosome Location	4q31.21
Pathway	ALK1 signaling events, organism-specific biosystem; ALK2 signaling events, organism-specific biosystem; BMP receptor signaling, organism-specific biosystem; Delta-Notch Signaling Pathway, organism-specific biosystem; ErbB1 downstream signaling, organism-s
Function	I-SMAD binding; RNA polymerase II core promoter sequence-specific DNA binding; co-SMAD binding; identical protein binding; protein binding; protein kinase binding; receptor signaling protein activity; sequence-specific DNA binding transcription factor act