

## Recombinant Human SMAD9, GST-tagged

Cat. No. SMAD9-2802H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SMAD9 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-352aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	SMAD9 SMAD family member 9 [ Homo sapiens ]
<b>Official Symbol</b>	SMAD9
<b>Synonyms</b>	SMAD9; SMAD family member 9; MAD, mothers against decapentaplegic homolog 9 (Drosophila) , MADH6, MADH9, SMAD, mothers against DPP homolog 9 (Drosophila); mothers against decapentaplegic homolog 9; MAD homolog 9; SMAD, mothers against DPP homolog 9; Mothers against decapentaplegic, drosophila,

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	homolog of, 9; MADH6; MADH9; SMAD8; SMAD8A; SMAD8B;
<b>Gene ID</b>	<a href="#">4093</a>
<b>mRNA Refseq</b>	<a href="#">NM_001127217</a>
<b>Protein Refseq</b>	<a href="#">NP_001120689</a>
<b>MIM</b>	<a href="#">603295</a>
<b>UniProt ID</b>	<a href="#">O15198</a>
<b>Chromosome Location</b>	13q12-q14
<b>Pathway</b>	ALK1 signaling events, organism-specific biosystem; ALK2 signaling events, organism-specific biosystem; BMP receptor signaling, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by BMP, organism-specific biosystem; T
<b>Function</b>	sequence-specific DNA binding transcription factor activity; transforming growth factor beta receptor, pathway-specific cytoplasmic mediator activity;

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