

Recombinant Human SMAD6, His-tagged

Cat. No. SMAD6-2801H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMAD6 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-496aa
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 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	SMAD6 SMAD family member 6 [Homo sapiens]
Official Symbol	SMAD6
Synonyms	SMAD6; SMAD family member 6; MAD, mothers against decapentaplegic homolog 6 (Drosophila) , MADH6, MADH7, SMAD, mothers against DPP homolog 6 (Drosophila); mothers against decapentaplegic homolog 6; HsT17432; SMAD 6; hSMAD6; MAD homolog 6; mothers against DPP homolog 6; SMAD, mothers against

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	DPP homolog 6; Mothers against decapentaplegic, drosophila, homolog of, 6; MADH6; MADH7;
Gene ID	4091
mRNA Refseq	NM_001142861
Protein Refseq	NP_001136333
MIM	602931
UniProt ID	O43541
Chromosome Location	15q21-q22
Pathway	BMP receptor signaling, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Signal Transduction, organism-specific biosystem; Signaling by BMP, organism-specific biosystem; Signaling by TGF beta, organi
Function	I-SMAD binding; R-SMAD binding; chromatin binding; co-SMAD binding; protein binding; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA binding; transforming growth factor beta receptor, inhibitory cytoplasmic