



## Human SMAD9 blocking peptide (CDBP2734)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SMAD9 antibody
Antigen Description	The protein encoded by this gene is a member of the SMAD family, which transduces signals from TGF-beta family members. The encoded protein is activated by bone morphogenetic proteins and interacts with SMAD4. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2010]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

### GENE INFORMATION

Gene Name	<a href="#">SMAD9 SMAD family member 9 [ Homo sapiens ]</a>
Official Symbol	SMAD9
Synonyms	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, homolog of, 9; MADH6; MADH9; SMAD8;

SMAD8A; SMAD8B;

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<b>Entrez 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>UniProt ID</b>	O15198
<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; TGF Beta Signaling Pathway, organism-specific biosystem; TGF-beta signaling pathway, organism-specific biosystem;
<b>Function</b>	sequence-specific DNA binding transcription factor activity; transforming growth factor beta receptor, pathway-specific cytoplasmic mediator activity;

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