

Datasheet for ABIN7546208

## SMAD9 Protein (AA 1-467) (His tag)



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### Overview

Quantity:	1 mg
Target:	SMAD9
Protein Characteristics:	AA 1-467
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMAD9 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant SMAD9 Protein expressed in mammalian cells.
Sequence:	<p>MHSTTPISSL FSFTSPAVKR LLGWKQGDEE EKWAEKAVDS LVKKLKKKKG AMDELERALS  CPGQPSKCVT IPRSLDGRQL VSHRKGPHV IYCRVWRWPD LQSHHELKPL ECCEFPFGSK  QKEVCINPYH YRRVETPVL PVLVPRHSEY NPQLSLLAKF RSASLHSEPL MPHNATYPDS  FQQPPCSALP PSPSHAFSQS PCTASYPHSP GSPSEPESPY QHSVDTPPLP YHATEASETQ  SGQPVDATAD RHVLSIPNG DFRPVCYEYP QHWCSVAYYE LNNRVGETFQ ASSRSVLIDG  FTDPSNNRNR FCLGLLSNVN RNSTIENTRR HIGKGVHLYY VGGEVYAEV SDSSIFVQSR  NCNYQHGFHP ATVCKIPSGC SLKVFNNQLF AQLLAQSVHH GFEVYELTK MCTIRMSFVK  GWGAEYHRQD VTSTPCWIEI HLHGPLQWLD KVLTQMGSPP NPISVS <b>Sequence without tag.</b></p> <p><b>The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

isoform, please contact us regarding an individual offer.

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

### Target:

SMAD9

### Alternative Name:

SMAD9 ([SMAD9 Products](#))

### Background:

Mothers against decapentaplegic homolog 9 (MAD homolog 9) (Mothers against DPP homolog 9) (Madh6) (SMAD family member 9) (SMAD 9) (Smad9),FUNCTION: Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD9 is a receptor-regulated SMAD (R-SMAD).

### Molecular Weight:

52.5 kDa

### UniProt:

[O15198](#)

## Application Details

### Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

### Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months