Datasheet for ABIN7586166

# SMAD9 Protein (AA 1-434) (His tag)

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## Overview

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| Quantity: | 100 µg |
| Target: | SMAD9 |
| Protein Characteristics: | AA 1-434 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This SMAD9 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | MHPSTPISSL FSFTSPAVKR LLGWKQGDEE EKWAEKAVDS LVKKLKKKKG AMDELERALS CPGQPSKCVT IPRSLDGRLQ VSHRKGLPHV IYCRVWRWPD LQSHHELKPL ECCEFPFGSK QKEVCINPYH YRRVETPVLP PVLVPRHSEY NPQLSLLAKF RSASLHSEPL MPHNATYPDS FQQSLGPAPP SSPGHVFPQS PCPTSYPQSP GSPSESDSPY QHSDFRPVCY EEPLHWCSVA YYELNNRVGE TFQASSRSVL IDGFTDPSNN RNRFCLGLLS NVNRNSTIEN TRRHIGKGVH LYYVGGEVYA ECVSDSSIFV QSRNCNYQHG FHPATVCKIP SGCSLKVFNN QLFAQLLAQL LAQSVHHGFE VVYELTKMCT IRMSFVKGWG AEYHRQDVTS TPCWIEIHLH GPLQWLDKVL TQMGSPHNPI SSVS |
| Specificity: | Rattus norvegicus (Rat) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time. |

## Product Details

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| Purity: | > 90 % |

## Target Details

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| Target: | SMAD9 |
| Alternative Name: | Mothers against decapentaplegic homolog 9 (Smad9) (SMAD9 Products) |
| Background: | Recommended name: Mothers against decapentaplegic homolog 9.<br>Short name= MAD homolog 9.<br>Short name= Mothers against DPP homolog 9.<br>Alternative name(s): SMAD family member 9.<br>Short name= SMAD 9.<br>Short name= Smad9 Smad8 |
| UniProt: | O54835 |

## Application Details

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| Comment: | The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Concentration: | 0.2-2 mg/mL |
| Buffer: | Tris-based buffer, 50 % glycerol |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |

## Handling

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| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C. |