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Datasheet for ABIN1475716 SMAD9 Protein (AA 1-434) (His tag)



Overview

Quantity:	1 mg
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

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.

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Product Details

Purity:

> 90 %

Target Details

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

Application Details

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

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	

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Handling

	Storage:	-20 °C		
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Storage Comment:

Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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