antibodies

Datasheet for ABIN1475819 SMAD7 Protein (AA 1-426) (His tag)



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Quantity:	1 mg
Target:	SMAD7
Protein Characteristics:	AA 1-426
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMAD7 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MFRTKRSALV RRLWRSRAPG GEDEEEGVGG GGGGGGLRGE GATDGRAYGA GGGGAGRAGC
	CLGKAVRGAK GHHHPHPPSS GAGAAGGAEA DLKALTHSVL KKLKERQLEL LLQAVESRGG
	TRTACLLLPG RLDCRLGPGA PASAQPAQPP SSYSLPLLLC KVFRWPDLRH SSEVKRLCCC
	ESYGKINPEL VCCNPHHLSR LCELESPPPP YSRYPMDFLK PTADCPDAVP SSDETGGTNY
	LAPGGLSDSQ LLLEPGDRSH WCVVAYWEEK TRVGRLYCVQ EPSLDIFYDL PQGNGFCLGQ
	LNSDNKSQLV QKVRSKIGCG IQLTREVDGV WVYNRSSYPI FIKSATLDNP DSRTLLVHKV
	FPGFSIKAFD YEKAYSLQRP NDHEFMQQPW TGFTVQISFV KGWGQCYTRQ FISSCPCWLE
	VIFNSR
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:	SMAD7
Alternative Name:	Mothers against decapentaplegic homolog 7 (Smad7) (SMAD7 Products)
Background:	Recommended name: Mothers against decapentaplegic homolog 7.
	Short name= MAD homolog 7.
	Short name= Mothers against DPP homolog 7.
	Alternative name(s): SMAD family member 7.
	Short name= SMAD 7.
	Short name= Smad7
UniProt:	088406
Pathways:	Interferon-gamma Pathway, Cell-Cell Junction Organization

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

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