Datasheet for ABIN1458741

SMAD3 Protein (AA 1-426) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	SMAD3
Protein Characteristics:	AA 1-426
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMAD3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSSILPFTPP IVKRLLGWKK GEQNGQEEKW CEKAVKSLVK KLKKTGQLDE LEKAITTQNI NTKCITIPRS LDGRLQVSHR KGLPHVIYCR LWRWPDLHSH HELRAMEMCE YAFNMKKDEV CVNPYHYQRV ETPVLPPVLV PRHTEIPAEF PPLDDYSHSI PENTNFPAGI EPQSNYIPET PPPGYLSEDG ETSDHQMNPS MDAGSPNLSP NPMSPAHNNL DLQPVTYCEP AFWCSISYYE LNQRVGETFH ASQPSMTVDG FTDPSNSERF CLGLLSNVNR NAAVELTRRH IGRGVRLYYI GGEVFAECLS DSAIFVQSPN CNQRYGWHPA TVCKIPPGCN LKIFNNQEFA ALLAQSVNQG FEAVYQLTRM CTIRMSFVKG WGAEYRRQTV TSTPCWIELH LNGPLQWLDK VLTQMGSPSI RCSSVS
Specificity:	Gallus gallus (Chicken)
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

Purity:	> 90 %

Target Details

Target:	SMAD3
Alternative Name:	Mothers against decapentaplegic homolog 3 (SMAD3) (SMAD3 Products)
Background:	Recommended name: Mothers against decapentaplegic homolog 3. Short name= MAD homolog 3. Short name= Mad3. Short name= Mothers against DPP homolog 3. Alternative name(s): SMAD family member 3. Short name= SMAD 3. Short name= Smad3
UniProt:	P84023
Pathways:	Cell Division Cycle, Chromatin Binding, Cell-Cell Junction Organization, Positive Regulation of Endopeptidase Activity, Autophagy

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

Handling

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