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Datasheet for ABIN1647603  
**STM Protein (AA 1-383) (His tag)**

### Overview

Quantity:	1 mg
Target:	STM
Protein Characteristics:	AA 1-383
Origin:	Wild Cabbage
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This STM protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MESGSNSTSC PMAFAGDNSD GPMCPMMMM MPVITSHQQH HGHDQQHQHQ QQHDGYAYQS HHQHSSLLFL QSLTPPSQEA KNKVRSSCSP SSGAPAYSFM EINHQNELLA GGLQSPVLSS LLVKAKIMAH PHYHRLLLAY VNCQKVGAPP EVQARLEETC SSAAAAAASM GPTGSLGEDP GLDQFMEAYC EMLVKYEQEL SKPFKEAMVF LQHVECQFKS LSLSSPSSLG YGEAAIERNN NGSSEEEVDM NNEFVDPQAE DRELKGQLLR KYSGYLGSLK QEFMKKRKKG KLPKEARQQL LDWWSRHYKW PYPSEQQKLA LAESTGLDQK QINNWFNQR KRHWKPSDEM QFVVM DATHP LHYFMGNVLG NPPFIDHISG TML
Specificity:	Brassica oleracea (Wild cabbage)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

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Target:	STM
Abstract:	<a href="#">STM Products</a>
Background:	Recommended name: Homeobox protein SHOOT MERISTEMLESS
UniProt:	<a href="#">Q9M6D9</a>

## Application Details

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Comment:	<p>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 modified 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.</p>
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
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.