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Datasheet for ABIN1649702  
**MAN1 Protein (AA 18-411) (His tag)**

Overview

Quantity:	1 mg
Target:	MAN1
Protein Characteristics:	AA 18-411
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAN1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>NNR ICVAVKTGFV GRNGTQFVLN GEQVYLNQFN AYWMMTTAAD TASKGRATVT TALRQASAVG                  MNVARIWGFN EGDYIPLQIS PGSYSEDVFK GLDFVVYEAG RFNKLIISL VNNFEDYGGR                  KKYVEWAGLD EPDEFYTNESA VKQFYKNHVK TVLTRKNTIT GRMYKDDPTI FSWELINEPR                  CNDSTASNIL QDWVKEMASY VKSIDSNHLL EIGLEGFYGE SIPERTVYNP GGRVLTGTDF                  ITNNQIPDID FATIHIYPDS WLPLQSSRTG EQDTFVDRWI GAHIEDCDNI IKKPLLITEF                  GKSSKYPGFS LEKRNKFFQR VYDVIYDSAR AGGSCTGGVF WQLTTNRTGL LGDGYEVFMQ                  AGPNTTAQLI ADQSSKLNK KYPPLVTHSA E</p>
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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: MAN1

Abstract: [MAN1 Products](#)

Background: Recommended name: Mannan endo-1,4-beta-mannosidase 1.  
EC= 3.2.1.78.  
Alternative name(s): Beta-mannanase 1 Endo-beta-1,4-mannanase 1.  
Short name= AtMAN1

UniProt: [Q9FZ29](#)

## 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 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.

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.