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Datasheet for ABIN1616458

## MAPK4 Protein (AA 1-376) (His tag)

### Overview

Quantity:	1 mg
Target:	MAPK4
Protein Characteristics:	AA 1-376
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAPK4 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MSAESCFGSS GDQSSSKGVA THGGSYVQYN VYGNLFEVSR KYVPPLRPIG RGAYGIVCAA TNSETGEEVA IKKIGNAFDN IIDAKRTLRE IKLLKMDHE NVIAVKDIIK PPQRENFNDV YIVYELMDTD LHQIIRSNDP LTDDHCRFFL YQLLRGLKYV HSANVLHRDL KPSNLLLNAN CDLKLGDGFL ARTKSETDFM TEYVVTRWYR APELLNCSE YTAADIWSV GCILGETMTR EPLFPGKDYV HQLRLITELI GSPDDSSLGF LRSDNARRYV RQLPQYPRQN FAARFPNMSA GAVDLLEKML VFDPSRRITV DEALCHPYLA PLHDINEEPV CVRPFNFDFE QPTLTEENIK ELIYRETVKF NPQDSV
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

Target:	MAPK4
Alternative Name:	Mitogen-activated protein kinase 4 (MPK4) ( <a href="#">MAPK4 Products</a> )
Background:	Recommended name: Mitogen-activated protein kinase 4. Short name= AtMPK4. Short name= MAP kinase 4. EC= 2.7.11.24
UniProt:	<a href="#">Q39024</a>
Pathways:	<a href="#">MAPK Signaling</a>

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