

Datasheet for ABIN1612462

MAPK4 Protein (AA 1-369) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MAPK4
Protein Characteristics:	AA 1-369
Origin:	Oryza sativa
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAPK4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAMMVDPPNG MGNQGKHYYT MWQTLFEIDT KYVPIKPIGR GAYGIVCSSI NRATNEKVAI KKINNVDNR VDALRTLREL KLLRHLRHEN VIALKDIMMP VHRRSFKDVY LVYELMDTDL HQIKSSQPL SNDHCQYFLF QLLRGLKYLH SAGILHRDLK PGNLLVNANC DLKICDFGLA RTNNTKGQFM TEYVVTRWYR APELLCCDN YGTSIDVWSV GCIFAELLGR KPIFPGTECL NQLKLIVNVL GTMSEADIEF IDNPKARKYI KTLPYTPGIP LTSMYPQAHF LAIDLLQKML VFDPSKRISV TEALEHPYMS PLYDPSANPP AQVPIDLDID ENLGVDMIRE MMWQEMLHYH PEVVAGVNM
Specificity:	Oryza sativa subsp. japonica (Rice)
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) (MAPK4 Products)
Background:	Recommended name: Mitogen-activated protein kinase 4. Short name= MAP kinase 4. EC= 2.7.11.24. Alternative name(s): Multiple stress-responsive MAP kinase 3 OsMAP2 OsMSRMK3
UniProt:	Q5Z859
Pathways:	MAPK Signaling

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.