Datasheet for ABIN1615386

MAPK11 Protein (AA 1-369) (His tag)

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Overview

Quantity:	1 mg
Target:	MAPK11
Protein Characteristics:	AA 1-369
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAPK11 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSIEKPFFGD DSNRGVSING GRYVQYNVYG NLFEVSKKYV PPLRPIGRGA SGIVCAAWNS ETGEEVAIKK IGNAFGNIID AKRTLREIKL LKHMDHDNVI AIIDIIRPPQ PDNFNDVHIV YELMDTDLHH IIRSNQPLTD DHSRFFLYQL LRGLKYVHSA NVLHRDLKPS NLLLNANCDL KIGDFGLART KSETDFMTEY VVTRWYRAPE LLLNCSEYTA AIDIWSVGCI LGEIMTREPL FPGRDYVQQL RLITELIGSP DDSSLGFLRS DNARRYVRQL PQYPRQNFAA RFPNMSVNAV DLLQKMLVFD PNRRITVDEA LCHPYLAPLH EYNEEPVCVR PFHFDFEQPS LTEENIKELI YRESVKFNP
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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.
Purity:	> 90 %

Target Details

Target:	MAPK11
Alternative Name:	Mitogen-activated protein kinase 11 (MPK11) (MAPK11 Products)
Background:	Recommended name: Mitogen-activated protein kinase 11. Short name= AtMPK11. Short name= MAP kinase 11. EC= 2.7.11.24
UniProt:	Q9LMM5
Pathways:	MAPK Signaling, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Response to Water Deprivation, Regulation of Muscle Cell Differentiation, ER-Nucleus Signaling, Hepatitis C, Toll-Like Receptors Cascades, Signaling Events mediated by VEGFR1 and VEGFR2, Thromboxane A2 Receptor Signaling, BCR Signaling, S100 Proteins

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
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

Handling

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