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## Datasheet for ABIN1473277 MAPKAP Kinase 2 Protein (AA 1-366) (His tag)



Overview

000101000	
Quantity:	1 mg
Target:	MAPKAP Kinase 2 (MAPKAPK2)
Protein Characteristics:	AA 1-366
Origin:	Rabbit
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAPKAP Kinase 2 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	PPPPPQQFP QFHVRSGLQI KKNAIIDDYK VTSQVLGLGI NGKVLQIFSK KTQEKFALKM
	LQDCPKARRE VELHWRASQC PHIVRIVDVY ENLYAGRKCL LIVMECLDGG ELFSRIQDRG
	DQAFTEREAS EIMKSIGEAI QYLHSINIAH RDVKPENLLY TSKRPKAILK LTDFGFAKET
	TSHNSLTTPC YTPYYVAPEV LGPEKYDKSC DMWSLGVIMY ILLCGYPPFY SNHGLAISPG
	MKTRIRMGQY EFPNPEWSEV SEEVKMLIRN LLKTEPTQRM TITEFMNHPW IMQSTKVPQT
	PLHTSRVLKE DKERWEDVKE EMTSALATMR VDYEQIKIKK IEDASNPLLL KRRKKARALE AAALAH
Specificity:	Oryctolagus cuniculus (Rabbit)
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 %

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## Target Details

Target:	MAPKAP Kinase 2 (MAPKAPK2)	
Alternative Name:	MAP kinase-activated protein kinase 2 (MAPKAPK2) (MAPKAPK2 Products)	
Background:	Recommended name: MAP kinase-activated protein kinase 2.	
	Short name= MAPK-activated protein kinase 2.	
	Short name= MAPKAP kinase 2.	
	Short name= MAPKAP-K2.	
	Short name= MAPKAPK-2.	
	Short name= MK-2.	
	Short name= MK2.	
	EC= 2.7.11.1	
UniProt:	P49139	
Pathways:	MAPK Signaling, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Toll-	
	Like Receptors Cascades	

## 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

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