

Datasheet for ABIN7585029

## MEK2 Protein (AA 1-400) (His tag)



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### Overview

Quantity:	100 µg
Target:	MEK2 (MAP2K2)
Protein Characteristics:	AA 1-400
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MEK2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MLARRKPVLP ALTINPTIAE GPSPTSEGAS EAHLVDLQKK LEELDLDEQQ RKRLEAFLTQ KAKVGELKDD DFERISELGA GNGGVVTKAR HRPSGLIMAR KLIHLEIKPA VRNQIIRELQ VLHECNSPYI VGFYGAFYSD GEISICMEHM DGGSLDQVLK EAKRIPEDIL GKVSI AVLRG LAYLREKHQI MHRDVKPSNI LVNSRGEIKL CDFGVSGQLI DSMANSFVGT RSYMSPERLQ GTHYSVQSDI WSMGLSLVEL AIGRYPIPPP DAKELEASFG RPVVDGADGE PHSVSPRPRP PGRPISGHGM DSRPAMAIFE LLDYIVNEPP PKLPSGVFSS DFQEFVNKCL IKNPAERADL KLLTNHAFIK RSEGEDVDFA GWLCRTLRLK QPSTPTRTAV
Specificity:	Rattus norvegicus (Rat)
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:	MEK2 (MAP2K2)
Alternative Name:	Dual specificity mitogen-activated protein kinase kinase 2 (Map2k2) ( <a href="#">MAP2K2 Products</a> )
Background:	<p>Recommended name: Dual specificity mitogen-activated protein kinase kinase 2.</p> <p>Short name= MAP kinase kinase 2.</p> <p>Short name= MAPKK 2.</p> <p>EC= 2.7.12.2.</p> <p>Alternative name(s): ERK activator kinase 2 MAPK/ERK kinase 2.</p> <p>Short name= MEK 2</p>
UniProt:	<a href="#">P36506</a>
Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a> , <a href="#">BCR Signaling</a>

## Application Details

Comment:	<p>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.</p>
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

Handling

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