

Datasheet for ABIN1642955  
**MEK1 Protein (AA 1-388) (His tag)**



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## Overview

Quantity:	1 mg
Target:	MEK1 (MAP2K1)
Protein Characteristics:	AA 1-388
Origin:	Serinus canaria
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MEK1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	PIQLNPAPDG SAVNGTSSAE TNLEALQKKL EELELDEQQR KRLEAFLTQK QKVGELKDDD FEKISELGAG NGGVVFKVSH KPSGLIMARK LIHLEIKPAI RNQIIRELQV LHECNSPYIV GFYGAFYSDG EISICMEHMD GGSLDQVLKK AGRIPQILG KVSIAVIKGL TYLREKHKIM HRDVKPSNIL VNSRGEIKLC DFGVSGQLID SMANSFVGTR SYMSPERLQG THYSVQSDIW SMGLSLVEMA IGRYPIDPPD SKELELMFGC PVEGDSPVTE TSPRQRAPGR PMSSYGSDSR PPMAIFELLD YIVNEPPPKL PNGVFGSEFQ DFNKCLIKN PAERADLKQL MIHAFIKRSE AEEVDFAGWL CSTIGLNQPS TPTHAAGV
Specificity:	Serinus canaria (Island canary) ( <i>Fringilla canaria</i> )
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in <i>E. coli</i> , mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

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Target:	MEK1 (MAP2K1)
Alternative Name:	Dual specificity mitogen-activated protein kinase kinase 1 (MAP2K1) ( <a href="#">MAP2K1 Products</a> )
Background:	Recommended name: Dual specificity mitogen-activated protein kinase kinase 1. Short name= MAP kinase kinase 1. Short name= MAPKK 1. EC= 2.7.12.2. Alternative name(s): ERK activator kinase 1 MAPK/ERK kinase 1. Short name= MEK1
UniProt:	<a href="#">Q91447</a>
Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Interferon-gamma Pathway</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="#">Autophagy</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a> , <a href="#">BCR Signaling</a>

## Application Details

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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 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.
Restrictions:	For Research Use only

## Handling

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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

## Handling

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one week

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Storage: -20 °C

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