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Datasheet for ABIN1612485

MAPK4 Protein (AA 1-274) (His tag)

Overview

Quantity:	1 mg
Target:	MAPK4
Protein Characteristics:	AA 1-274
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAPK4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	GCGGNGLVLS ATDSRACRKV AVKKIVLSDA RSMKHALREI KIIRRLDHDN IVKVYEVLP KGSDLQGELF KFSVAYIVQE YMETDLACLL EQGTLTEEHA KLFMYQLLRG LKYIHSANVL HRDLKPANIF ISTEDLVSKI GDFGLARIAD QHYSHKGYLS EGLVTKWYRS PRLLSPNNY TKAIDMWAAG CILAEMLTGK MLFAGAHELE QMQLILDITP VVREEDKEEL LRVMPSEVSS TWEVKRPLRK LLPDVNREAI DFLEKILTFSPMDR
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:	MAPK4
Abstract:	MAPK4 Products
Background:	<p>Recommended name: Mitogen-activated protein kinase 4.</p> <p>Short name= MAP kinase 4.</p> <p>Short name= MAPK 4.</p> <p>EC= 2.7.11.24.</p> <p>Alternative name(s): Extracellular signal-regulated kinase 4.</p> <p>Short name= ERK-4 MAP kinase isoform p63.</p> <p>Short name= p63-MAPK MNK2</p>
UniProt:	Q63454
Pathways:	MAPK Signaling

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 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.</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
Storage:	-20 °C

Handling

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