Datasheet for ABIN7589574

MAP2K7 Protein (AA 2-419) (His tag)

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Overview

Quantity:	100 µg
Target:	MAP2K7
Protein Characteristics:	AA 2-419
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP2K7 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AASSLEQKL SRLEAKLKQE NREARRRIDL NLDISPQRPR PTLQLPLAND GGSRSPSSES SPQHPTPPSR PRHMLGLPST LFTPRSMESI EIDQKLQEIM KQTGYLTIGG QRYQAEINDL ENLGEMGSGT CGQVWKMRFR KTGHIIAVKQ MRRSGNKEEN KRILMDLDVV LKSHDCPYIV QCFGTFITNT DVFIAMELMG TCAEKLKKRM QGPIPERILG KMTVAIVKAL YYLKEKHGVI HRDVKPSNIL LDERGQIKLC DFGISGRLVD SKAKTRSAGC AAYMAPERID PPDPTKPDYD IRADVWSLGI SLVELATGQF PYKNCKTDFE VLTKVLQEEP PLLPGHMGFS GDFQSFVKDC LTKDHRKRPK YNKLLEHSFI KHYETLEVDV ASWFKDVMAK TESPRTSGVL SQHHLPFFR
Specificity:	Rattus norvegicus (Rat)
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:	MAP2K7
Alternative Name:	Dual specificity mitogen-activated protein kinase kinase 7 (Map2k7) (MAP2K7 Products)
Background:	Recommended name: Dual specificity mitogen-activated protein kinase kinase 7. Short name= MAP kinase kinase 7. Short name= MAPKK 7. EC= 2.7.12.2. Alternative name(s): JNK-activating kinase 2 MAPK/ERK kinase 7. Short name= MEK 7 c-Jun N-terminal kinase kinase 2. Short name= JNK kinase 2. Short name= JNKK 2
UniProt:	Q4KSH7
Pathways:	MAPK Signaling, TLR Signaling, Fc-epsilon Receptor Signaling Pathway, Activation of Innate immune Response, Toll-Like Receptors Cascades, BCR Signaling

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

Handling

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