Datasheet for ABIN7589110

MAPKAP Kinase 3 Protein (AA 1-384) (His tag)

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Overview

Quantity:	100 µg
Target:	MAPKAP Kinase 3 (MAPKAPK3)
Protein Characteristics:	AA 1-384
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAPKAP Kinase 3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDVETAEEQG GPAPPSGVPC GPCSAGAPAL GGRREPKKYA VTDDYQLSKQ VLGLGVNGKV LECFHRRTGQ KCALKLLYDS PKARQEVDHH WQASGGPHIV RILDVYENMH HSKRCLLIIM ECMEGGELFS RIQERGDQAF TEREAAEIMR DIGTAIQFLH SRNIAHRDVK PENLLYTSKD KDAVLKLTDF GFAKETTQNA LQTPCYTPYY VAPEVLGPEK YDKSCDMWSL GVIMYILLCG FPPFYSNTGQ AISPGMKRRI RLGQYGFPSP EWSEVSEDAK QLIRLLLKTD PTERLTITQF MNHPWINQSM VVPQTPLHTA RVLQEDRDHW DEVKEEMTSA LATMRVDYDQ VKIKDLKTSN NRLLNKRRKK QAGSSSGSQG CNNQ
Specificity:	Bos taurus (Bovine)
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:	MAPKAP Kinase 3 (MAPKAPK3)
Alternative Name:	MAP kinase-activated protein kinase 3 (MAPKAPK3) (MAPKAPK3 Products)
Background:	Recommended name: MAP kinase-activated protein kinase 3. Short name= MAPK-activated protein kinase 3. Short name= MAPKAP kinase 3. Short name= MAPKAP-K3. Short name= MAPKAPK-3. Short name= MK-3. EC= 2.7.11.1
UniProt:	Q3SYZ2
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 one week

Handling

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