

Datasheet for ABIN7585042

MAPK12 Protein (AA 1-367) (His tag)



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Overview

Quantity:	100 µg
Target:	MAPK12
Protein Characteristics:	AA 1-367
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAPK12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSSPPPARKG FYRQEVTKTA WEVRAVYQDL QPVGSGAYGA VCSAVDSRTG NKVAIKKLYR PFQSEFAKR AYRELRLKKH MRHENVIGLL DVFTPDETLD DFTDFYLVMP FMGTDLGKLM KHETLSEDRI QFLVYQMLKG LKYIHAAGVI HRDLKPGNLA VNEDCELKIL DFGLARQADS EMTGYVVTRW YRAPEVILNW MRYTQTVDIW SVGCIMAEMI TGKILFKGND HLDQLKEIMK VTGTPPPEFV QKLQSAEAKN YMEGLPELEK KDFASVLTNA SPQAVNLLEK MLVLDAEQRV TAAEALAHPY FESLRDTEDE PKAQKYDDSF DDVDRTLEEW KRVTYKEVLS FKPPRQLGAR VPKETAL
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:	MAPK12
Abstract:	MAPK12 Products
Background:	Recommended name: Mitogen-activated protein kinase 12. Short name= MAP kinase 12. Short name= MAPK 12. EC= 2.7.11.24. Alternative name(s): Extracellular signal-regulated kinase 6. Short name= ERK-6 Mitogen-activated protein kinase p38 gamma. Short name= MAP kinase p38 gamma Stress-activated protein kinase 3
UniProt:	Q63538
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway , Regulation of Muscle Cell Differentiation , Hepatitis C , BCR Signaling , S100 Proteins

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 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

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.