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Datasheet for ABIN1608457  
**MAPK12 Protein (AA 1-363) (His tag)**

### Overview

Quantity:	1 mg
Target:	MAPK12
Protein Characteristics:	AA 1-363
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAPK12 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MTARSRPGYF RQEINKTIWE VPDRYKDLKQ VGTGAYGTVC YALDRRTGAK VAIKKLHRPF QSDLFAKRAY RELRLLKHKM HDNVIGLV DV FTADLSLDRF HDFYLVMPFM GTDLGKLMKM ERLSEERVQY L VYQMLKGLK YIHAAGIIHR DLKPGNLAIN EEC ELKILDF GLARQTDSEM TGYVTRWYR APEVILSWMH YTQTVDIWSV GCIMAEMLLG KPLFKGHDHL DQLMEIMKVT GTPSKEFTAK LQSEDARNYV TKLPRFRKKD LRILLPNVNP QAIKVL DGML LLD PESRITA AEALAFPPFFS EFREPEEETE APPYDHS LDE ADQSLEQWKR LTFTEILTFQ PAPA VAESKE TAL
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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

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Target:	MAPK12
Abstract:	<a href="#">MAPK12 Products</a>
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): Stress-activated protein kinase 3
UniProt:	<a href="#">O42376</a>
Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Hepatitis C</a> , <a href="#">BCR Signaling</a> , <a href="#">S100 Proteins</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 one week
Storage:	-20 °C

## Handling

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