Datasheet for ABIN1649155

MAP1A Protein (AA 1-398) (His tag)

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Overview

Quantity:	1 mg
Target:	MAP1A
Protein Characteristics:	AA 1-398
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP1A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MASESDASSI ATLSCARCEK PAHLQCPKCI DLKLPREQAS FCTQECFKAA WSSHKSVHVK AQLSSIGDQN SDLISQGWLY CVKKGQARTP KLPHFDWTGP LKQYPISTKR VVPAEIEKPD WAIDGTPKVE PNSDLQHVVE IKTPEQIQRM RETCKIAREV LDAAARVIHP GVTTDEIDRV VHEATIAAGG YPSPLNYYFF PKSCCTSVNE VICHGIPDAR KLEDGDIVNV DVTVCYKGCH GDLNETYFVG NVDEASRQLV KCTYECLEKA IAIVKPGVRF REIGEIVNRH ATMSGLSVVR SYCGHGIGDL FHCAPNIPHY ARNKAVGVMK AGQTFTIEPM INAGGWRDRT WPDGWTAVTA DGKRSAQFEH TLLVTETGVE VLTARLPSSP DVYPWLTK
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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:	MAP1A
Alternative Name:	Methionine aminopeptidase 1A (MAP1A) (MAP1A Products)
Background:	Recommended name: Methionine aminopeptidase 1A. Short name= MAP 1A. Short name= MetAP 1A. EC= 3.4.11.18. Alternative name(s): Peptidase M 1A
UniProt:	Q9SLN5
Pathways:	Microtubule Dynamics, Sensory Perception of Sound

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