Datasheet for ABIN1459789

MAPT Protein (AA 2-448) (His tag)

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Overview

Quantity:	1 mg
Target:	MAPT
Protein Characteristics:	AA 2-448
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAPT protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AEPRQEFDV MEDHAQGDYT LQDQEGDMDP GLKESPLQTP ADDGSEEPGS ETSDAKSTPT AEDATAPLVD EGAPGEQAAA QAPAEIPEGT AAEEAGIGDT SNLEDQAAGH VTQARMVSKG KDGTGPDDKK TKGADGKPGT KIATPRGAAP PGQKGQANAT RIPAKTTPTP KTSPATMQVQ KKPPPAGAKS ERGESGKSGD RSGYSSPGSP GTPGSRSRTP SLPTPPTREP KKVAVVRTPP KSPSAAKSRL QAAPGPMPDL KNVKSKIGST ENLKHQPGGG KVQIINKKLD LSNVQSKCGS KDNIKHVPGG GSVQIVYKPV DLSKVTSKCG SLGNIHHKPG GGQVEVKSEK LDFKDRVQSK IGSLDNITHV PGGGNKKIET HKLTFRENAK AKTDHGAEIV YKSPVVSGDT SPRHLSNVSS TGSIDMVDSP QLATLADEVS ASLAKQGL
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.

Product Details

Purity:	> 90 %

Target Details

Target:	MAPT
Abstract:	MAPT Products
Background:	Recommended name: Microtubule-associated protein tau. Alternative name(s): Neurofibrillary tangle protein Paired helical filament-tau. Short name= PHF-tau
UniProt:	P29172
Pathways:	MAPK Signaling, Microtubule Dynamics, M Phase, Regulation of Cell Size

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

Handling

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