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## TUBA4A Protein (AA 1-450) (His tag)



### Overview

Quantity:	1 mg
Target:	TUBA4A
Protein Characteristics:	AA 1-450
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBA4A protein is labelled with His tag.
Application:	ELISA

Product Details	
Sequence:	MREIISIHIG QAGIQVGNSC WELYCLEHGI QPDGTMPSDS TVGACHDAFN TFFSETSSGQ
	HVPRAVFLDL EPTVIDEVRT GTYRQLFHPE QLISGKEDAA NNFARGHYTV GREIVDTCLE
	RLRKLADNCT GLQGFLVFNA VGGGTGSGLG SLLLERLSVD FGKKSKLGFT IYPSPQVSTA
	VVEPYNSVLS THSLLEHTDV VVLLDNEAIY DICRRSLDIE RPTYSNLNRL ISQTISSLTT
	SLRFDGAINV DITEFQTNLV PYPRIHFMLS SYAPVISSAK AYHEQFSVPE ITTSVFEPSN
	MMAKCDPRHG KYMACCLMYR GDVVPKDVNT AVAAIKAKRT IQFVDWCPTG FKCGINYQPP
	SVVPGGDLAK VQRAVCMISN NTAVAEVFSR IDHKFDLMYS KRAFVHWYVG EGMEEGEFSE
	AREDLAALEK DYEEVGGEGA EDDDEEGDEY
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.

# Product Details Purity:

> 90 %

## **Target Details**

Target:	TUBA4A
Alternative Name:	Tubulin alpha-1 chain (TUBA1) (TUBA4A Products)
Background:	Recommended name: Tubulin alpha-1 chain
UniProt:	P11139
Pathways:	Microtubule Dynamics, M Phase

## **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.