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



Overview

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

Product Details	
Sequence:	MREIISIHIG QAGIQVGNAC WELYCLEHGI EPDGTMPSDT TVGVAHDAFN TFFSETGAGK
	HVPRAIFVDL EPTVIDEVRT GSYRQLFHPE QLISGKEDAA NNFARGHYTV GKEIVDLCLD
	RVRKLADNCT GLQGFLVFNA VGGGTGSGLG SLLLERLSVD YGKKSKLGFT IYPSPQVSTA
	VVEPYNSVLS THSLLEHTDV AVLLDNEAIY DICRRSLDIE RPTYTNLNRL ISQIISSLTT
	SLRFDGAINV DVTEFQTNLV PYPRIHFMLS SYAPVISAEK AYHEQLSVPE ITNAVFEPSS
	MMAKCDPRHG KYMACCLMYR GDVVPKDVNA AVATIKTKRT VQFVDWCPTG FKCGINYQPP
	SVVPGGDLAK VQRAVCMISN NTAVAEVFSR IDHKFDLMYA KRAFVHWYVG EGMEEGEFSE
	AREDLAALEK DYEEVGAEGA DDENDDGEDY
Specificity:	Oryza sativa subsp. japonica (Rice)
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:	P28752
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.