Datasheet for ABIN1660903

TUBA1A Protein (AA 1-450) (His tag)

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Overview

Quantity:	1 mg
Target:	TUBA1A (Tuba1a)
Protein Characteristics:	AA 1-450
Origin:	Zea mays
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBA1A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MRECISVHIG QAGIQVGNAC WELYCLEHGI QPDGQVPGDK TAGHHDDAFS TFFSQTGAGK HVPRAIFVDL EPTVIDEVRT GTYRQLFHPE QLISGKEDAA NNFARGHYTI GKEIVDLCLD RIRKLADNCT GLQGFLVFNA VGGGTGSGLG SLLLERLSVE YGKKSKLGFT VYPSPQVSTS VVEPYNSVLS THSLLEHTDV SILLDNEAIY DICRRSLDIE RPNYSNLNRL VSQVISSLTA SLRFDGALNV DVNEFQTNLV PYPRIHFMLS SYAPVISSAK AFHEQLSVAE ITSSAFEPAS MMVKCDPRHG KYMACCLMYR GDVVPKDVNA AVATIKTKRT IQFVDWCPTG FKCGINYQAP TVVPGADLAK VQRAVCMISN STSVVEVFSR INSKFDLMYA KRAFVHWYVG EGMEEGEFSE AREDLAALEK DYEEVAAEGG SDDGDEEEEY
Specificity:	Zea mays (Maize)
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:	TUBA1A (Tuba1a)
Alternative Name:	Tubulin alpha-3 chain (TUBA3) (Tuba1a Products)
Background:	Recommended name: Tubulin alpha-3 chain. Alternative name(s): Alpha-3-tubulin
UniProt:	P22275
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.