Datasheet for ABIN7586434

TUBG2 Protein (AA 1-474) (His tag)

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Overview

Quantity:	100 µg
Target:	TUBG2
Protein Characteristics:	AA 1-474
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBG2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPREIITLQV GQCGNQIGME FWKQLCLEHG ISKDGILEDF ATQGGDRKDV FFYQADDQHY IPRALLIDLE PRVINGIQNG EYRNLYNHEN IFLSDHGGGA GNNWASGYHQ GKGVEEEIMD MIDREADGSD SLEGFVLCHS IAGGTGSGMG SYLLETLNDR YSKKLVQTYS VFPNQMETSD VVVQPYNSLL TLKRLTLNAD CVVVLDNTAL NRIAVERLHL TNPTFAQTNS LVSTVMSAST TTLRYPGYMN NDLVGLLASL IPTPRCHFLM TGYTPLTVER QANVIRKTTV LDVMRRLLQT KNIMVSSYAR NKEASQAKYI SILNIIQGEV DPTQVHESLQ RIRERKLVNF IDWGPASIQV ALSKKSPYVQ TSHRVSGLML ASHTSIRHLF SRCLSQYDKL RKKQAFLDNY RKFPMFADND LSEFDESRDI IESLVDEYKA CESPDYIKWG MEDPGQLMTG EGNASGVADP KLAF
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:	TUBG2
Alternative Name:	Tubulin gamma-2 chain (TUBG2) (TUBG2 Products)
Background:	Recommended name: Tubulin gamma-2 chain. Alternative name(s): Gamma-2-tubulin
UniProt:	P38558
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.