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Datasheet for ABIN1629279 TUBG2 Protein (AA 1-469) (His tag)

Overview

Quantity:	1 mg
Target:	TUBG2
Protein Characteristics:	AA 1-469
Origin:	Zea mays
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBG2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPREIITIQV GQCGNQIGME FWKQLCLEHG IGKDGLLEDF ATQGGDRKDV FFYQADDQHF IPRSLIDLE PRVINGIQNS EYRNLYNHEN IFVAEHGGGA GNNWASGYHQ GEQVDDIMD MVDREADGSD SLEGFVLCHS IAGGTGSGMG SYLLETLNDR YSKKLVTYS VFPNQMETSD VVVQPYNSLL TLKRLTLNAD CVVVLNTAL NRIAVERLHL SNPTFAQTNS LVSTVMSAST TTLRYPGYMN NDLVGLLASL IPTPRCHFLM TGYTPLTVER QVMIRKTTV LDVMRRLQQT KNVMVSSYAR TKEASQAKYI SILNIIQGEV DPTQVHESLQ RIRERKLVNF IDWAPASIQV ALSRKSPYVQ TTHRVSGLML ANHTSIRHLF GKCLGQYEKL RKKQAFLDNY RKFPMFADND LSEFDESREI IESLVDEYKA CESPDIKWG MEDPGEANVA ADLDSKLVV
Specificity:	Zea mays (Maize)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian 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: [Q41808](#)

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 modified 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.