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Datasheet for ABIN1665407

TUB4 Protein (AA 1-461) (His tag)

Overview

Quantity:	1 mg
Target:	TUB4
Protein Characteristics:	AA 1-461
Origin:	Neurospora crassa
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUB4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPREITIQA GQCGNSIGSQ FWQQLCLEHG ISQDGTIEDF ATEGGDRKDV FFYQSDDDTRY IPRSILIDLE PRVINTIQTG PYRNIYNPEN FYVGKSGGLGA GNNWGDGYQT GEQVHEEIME MIEREADGSD SLEGFMMLHS IAGGTGSGLG SFLLERLNDR FPKKIIQTYS VFPDTSAGD VVVHPYNLL AMRRLTQNAD SVVLDNGAL SHIAADRLHV QEPSFQQTNQ LVSTVMSAST TTLRYPGYMH NDLVSILASL IPTPRCHFLM TSYTPFTGDQ VEQAKTVRKT TVLDVMRRL QPKNRMVSTV PGKKSCYISI LNVIQGDVDP TDVHKSLRL RERRLATFIP WGPASIQVAL TKRSPYVTMA HRVSGMLAN HTSIATLFKR IVRQYDGMRK RNAFMEAYKK TAPFSENLE FDEAREVMD LIADYEAED ANYLNPELGE NASADTDKRM A
Specificity:	Neurospora crassa (strain ATCC 24698 / 74-OR23-1A / CBS 708.71 / DSM 1257 / FGSC 987)
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: TUB4

Alternative Name: Tubulin gamma chain (tub-4) ([TUB4 Products](#))

Background: Recommended name: Tubulin gamma chain.
Alternative name(s): Gamma-tubulin

UniProt: [P53377](#)

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 modiflicated 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.