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Datasheet for ABIN1660037  
**TUBA3C Protein (AA 1-451) (His tag)**

Overview

Quantity:	1 mg
Target:	TUBA3C
Protein Characteristics:	AA 1-451
Origin:	Zea mays
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBA3C protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MRECISIHIG QAGIQVGNAC WELYCLEHGI QADGQMPGDK TIGGGDDAFN TFFSETGAGK  HVPRAVFDL EPTVIDEVRT GTYRQLFHPE QLISGKEDAA NNFARGHYTI GKEIVDLCLD  RIRKLADNCT GLQGFLVFNA VGGGTGSGLG SLLLERLSVD YGKKSCLGFT VYPSPQVSTS  VVEPYNSVLS THSLEHTDV AILLDNEAIY DICRRSLDIE RPTYTNLNL VSQVISSLTA  SLRFDGALNV DVNEFQTNLV PYPRIHFMLS SYAPVISA EK AYHEQLSVAE ITNSAFEPSS  MMAKCDPRHG KYMACCLMYR GDVVPKDVNA AVATIKTKRT IQFVDWCPTG FKCGINYQPP  SVVPGGDLAK VQRAVCMISN STSVVEVFSR IDHKFDL MYA KRA FVHWYVG EGMEEGEFSE  AREDLAALEK DYEEVGAEFD EGEEGDDGDE Y</p>
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

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Purity: > 90 %

## Target Details

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Target: TUBA3C

Alternative Name: Tubulin alpha-2 chain (TUBA2) ([TUBA3C Products](#))

Background: Recommended name: Tubulin alpha-2 chain.  
Alternative name(s): Alpha-2-tubulin

UniProt: [P14641](#)

Pathways: [Microtubule Dynamics](#)

## Application Details

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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

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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.