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## Datasheet for ABIN1661884 TUBA1C Protein (AA 1-450) (His tag)

### Overview

Quantity:	1 mg
Target:	TUBA1C
Protein Characteristics:	AA 1-450
Origin:	Zea mays
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBA1C protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MREIISIHIG QAGIQVGNAC WELYCLEHGI EPDGTMPSDT SVGVAHDAFN TFFSETGSGK</p> <p>HVPRAIFVDL EPTVIDEVRT GSYRQLFHPE QLISGKEDAA NNFARGHYTV GKEIVDLCLD</p> <p>RVRKLADNCT GLQGFLVFNA VGGGTGSGLG SLLLERLSVD YGKKSGLGFT IYPSPQVSTA</p> <p>VVEPYNSVLS THSLEHTDV AVLLDNEAIY DICRRSLDIE RPTYTNLNLRL ISQISSLTT</p> <p>SLRFDGAINV DVTEFQTNLV PYPRIHFMLS SYAPVISA EK AYHEQLSVPE ITNAVFEPS</p> <p>MMAKCDPRHG KYMACCLMYR GDVVPKDVNA AVATIKTKRT VQFVDWCPTG FKCGINYQPP</p> <p>SVVPGGDLAK VQRAVCMISN NTAVAEVFSR IDHKFDL MYA KRAVHWHYVG EGMEEGEFSE</p> <p>AREDLAALEK DYEEVGAEGA DDEGDEGDDY</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

Purity: > 90 %

## Target Details

Target: TUBA1C

Alternative Name: Tubulin alpha-6 chain (TUBA6) ([TUBA1C Products](#))

Background: Recommended name: Tubulin alpha-6 chain.  
Alternative name(s): Alpha-6-tubulin

UniProt: [P33627](#)

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.