



[Go to Product page](#)

Datasheet for ABIN1660075
alpha Tubulin Protein (TUBA1) (AA 1-451) (His tag)

Overview

Quantity:	1 mg
Target:	alpha Tubulin (TUBA1)
Protein Characteristics:	AA 1-451
Origin:	Volvox carteri
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This alpha Tubulin protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MREVISIHIG QAGIQVGNAC WELYCLEHGI QPDGQMPSDK TIGGGDDAFN TFFSETGAGK HVPRCIFLDL EPTVVDEVRT GTYRQLFHPE QLISGKEDAA NNFARGHYTI GKEIVDLALD RIRKLADNCT GLQGFLVFNA VGGGTGSGLG SLLLERLSVD YGKKSCLGFT VYPSPQVSTA VVEPYNSVLS THSLEHTDV AVMLDNEAIY DICRRSLDIE RPTYTNLNRL IAQVISSLTA SLRFDGALNV DVTEFQTNLV PYPRIHFMLS SYAPIISAEK AYHEQLSVAE ITNAAFEPAS MMVKCDPRHG KYMACCLMYR GDVVPKDUNA AVATIKTKRT IQFVDWCPTG FKCGINYQPP TVVPGGDLAK VQRAVCMISN STAIGEIFSR LDHKFDLMYA KRAFVHWYVG EGMEEGEFSE AREDLAALEK DFEEVGAESA EGAGEGEGEE Y
Specificity:	Volvox carteri (Green alga)
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: alpha Tubulin (TUBA1)

Alternative Name: Tubulin alpha-1/alpha-2 chain (TUBA1) ([TUBA1 Products](#))

Background: Recommended name: Tubulin alpha-1/alpha-2 chain

UniProt: [P11481](#)

Pathways: [Microtubule Dynamics](#)

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.