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Datasheet for ABIN1609232
TUBA1B Protein (AA 1-451) (His tag)

Overview

Quantity:	1 mg
Target:	TUBA1B
Protein Characteristics:	AA 1-451
Origin:	Chinese Hamster
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBA1B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MRECISIHVG QAGVQIGNAC WELYCLEHGI QPDGQMPSDK TIGGGDDSFN TFFSETGAGK HVPRAVFVDL EPTVIDEVRT GTYRQLFHPE QLITGKEDAA NNYARGHYTI GKEIDLVLVD RIRKLADQCT GLQGFLVFHS FGGGTGSGFT SLLMERLSVD YGKSKLEFS IYPAPQVSTA VVEPYSILT THTTLEHSDC AFMVDNEAIY DICRRNLIDIE RPTYTNLNRL ISQIVSSITA SLRFDGALNV DLTEFQTNLV PYPRIHFPLA TYAPVISA EK AYHEQLSVAE ITNACFEPAN QMKVCDPRHG KYMACCLLYR GDVVPKDVNA AIATIKTKRS IQFVDWCPTG FKVGINYQPP TVVPGGDLAK VQRAVCMLSN TTAIAEAWAR LDHKFDLMYA KRAVHWYVVG EGMEEGEFSE AREDMAALEK DYEEVGVDVSV EGEHEEEGEE Y
Specificity:	Cricetulus griseus (Chinese hamster) (Cricetulus barabensis griseus)
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: TUBA1B

Alternative Name: Tubulin alpha-1B chain (TUBA1B) ([TUBA1B Products](#))

Background: Recommended name: Tubulin alpha-1B chain.
Alternative name(s): Alpha-tubulin 1 Alpha-tubulin I Tubulin alpha-1 chain

UniProt: [P68361](#)

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.