Datasheet for ABIN7588229

TUBA8 Protein (AA 1-449) (His tag)

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Overview

Quantity:	100 µg
Target:	TUBA8
Protein Characteristics:	AA 1-449
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBA8 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MRECISVHVG QAGVQIGNAC WELFCLEHGI QADGTFGAQA SKIHDDDSFT TFFSETGNGK HVPRAVMVDL EPTVVDEVRA GTYRHLFHPE QLITGKEDAA NNYARGHYTV GKESIDLVLD RIRKLTDACS GLQGFLIFHS FGGGTGSGFT SLLMERLSLD YGKKSKLEFA IYPAPQVSTA VVEPYNSILT THTTLEHSDC AFMVDNEAIY DICRRNLDIE RPTYTNLNRL ISQIVSSITA SLRFDGALNV DLTEFQTNLV PYPRIHFPLV TYAPIISAEK AYHEQLSVAE ITSSCFEPNS QMVKCDPRHG KYMACCMLYR GDVVPKDVNV AIAAIKTKRT IQFVDWCPTG FKVGINYQPP TVVPGGDLAK VQRAVCMLSN TTAIAEAWAR LDHKFDLMYA KRAFVHWYVG EGMEEGEFSE AREDLAALEK DYEEVGTDSF EEENEGEEF
Specificity:	Bos taurus (Bovine)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	TUBA8
Alternative Name:	Tubulin alpha-8 chain (TUBA8) (TUBA8 Products)
Background:	Recommended name: Tubulin alpha-8 chain. Alternative name(s): Alpha-tubulin 8
UniProt:	Q2HJB8
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 modificated 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.