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Datasheet for ABIN1660070 Tubulin alpha Chain (TUB1) (AA 1-449) protein (His tag)



Overview

Quantity:	1 mg
Target:	Tubulin alpha Chain (TUB1)
Protein Characteristics:	AA 1-449
Origin:	Tetrahymena
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	MREVISIHVG QGGIQVGNAC WELFCLEHGI QPDGQMPSDK TIGGGDDAFN TFFSETGAGK
	HVPRAVFLDL EPTVIDEVRT GTYRQLFHPE QLISGKEDAA NNFARGHYTI GKEIVDLCLD
	RIRKLADNCT GLQGFLVFNS VGGGTGSGLG SLLLERLSVD YGKKSKLGFT IYPSPQVSTA
	VVEPYNSILS THSLLEHTDV AVMLDNEAIY DICRRNLDIE RPTYTNLNRL IAQVISSLTA
	SLRFDGALNV DITEFQTNLV PYPRIHFMLS SYAPIISAEK AYHEQLSVAE ITNSAFEPAN
	MMAKCDPRHG KYMACSMMYR GDVVPKDVNA SIATIKTKRT IQFVDWCPTG FKVGINYQPS
	TVVPGGDLAK VMRAVCMISN STAIAEVFSR LDHKFDLMYA KRAFVHWYVG EGMEEGEFSE
	AREDLAALEK DYEEVGIETA EGEGEEEGY
Specificity:	Tetrahymena pyriformis
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.

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Product Details

Purity:

> 90 %

Target Details

Target:	Tubulin alpha Chain (TUB1)
Alternative Name:	Tubulin alpha chain (TUB1 Products)
Background:	Recommended name: Tubulin alpha chain
UniProt:	P10872

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.