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Datasheet for ABIN1625788 TUBA1B Protein (AA 1-451) (His tag)



Overview	
Quantity:	1 mg
Target:	TUBA1B
Protein Characteristics:	AA 1-451
Origin:	Pig
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 GKEIIDLVLD
	RIRKLADQCT GLQGFLVFHS FGGGTGSGFT SLLMERLSVD YGKKSKLEFS IYPAPQVSTA
	VVEPYNSILT THTTLEHSDC AFMVDNEAIY DICRRNLDIE RPTYTNLNRL ISQIVSSITA
	SLRFDGALNV DLTEFQTNLV PYPRIHFPLA TYAPVISAEK AYHEQLSVAE ITNACFEPAN
	QMVKCDPRHG KYMACCLLYR GDVVPKDVNA AIATIKTKRS IQFVDWCPTG FKVGINYQPP
	TVVPGGDLAK VQRAVCMLSN TTAIAEAWAR LDHKFDLMYA KRAFVHWYVG EGMEEGEFSE
	AREDMAALEK DYEEVGVDSV EGEGEEEGEE Y
Specificity:	Sus scrofa (Pig)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalie
	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:	TUBA1B
Alternative Name:	Tubulin alpha-1B chain (TUBA1B) (TUBA1B Products)
Background:	Recommended name: Tubulin alpha-1B chain. Alternative name(s): Alpha-tubulin ubiquitous Tubulin K-alpha-1 Tubulin alpha-ubiquitous chain
UniProt:	Q2XVP4
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 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.

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