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## TUBA1A Protein (AA 1-451) (His tag)



## Overview

Quantity:	1 mg
Target:	TUBA1A (Tuba1a)
Protein Characteristics:	AA 1-451
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBA1A protein is labelled with His tag.
Application:	ELISA

Product Details	
Sequence:	MRECISIHVG QAGVQIGNAC WELYCLEHGI QPDGQMPSDK TIGGGDDSFN TFFSETGAGK
	HVPRAVFVDL EPTVIDEVRT GTYRQLFHPE QLITGKEDAA NNYARGHYTI GKEIIDLVLD
	RIRKLADQCT GLQGFSVFHS FGGGTGSGFT SLLMERLSVD YGKKSKLEFS IYPAPQVSTA
	VVEPYNSILT THTTLEHSDC AFMVDNEAIY DICRRNLDIE RPTYTNLNRL IGQIVSSITA
	SLRFDGALNV DLTEFQTNLV PYPRAHFPLA TYAPVISAEK AYHEQLSVAE ITNACFEPAN
	QMVKCDPRHG KYMACCLLYR GDVVPKDVNA AIATIKTKRT IQFVDWCPTG FKVGINYEPP
	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, mammalien
	cells or by baculovirus infection. Be aware about differences in price and lead time.

## **Product Details** > 90 % Purity: **Target Details** Target: TUBA1A (Tuba1a) Tubulin alpha-1A chain (TUBA1A) (Tuba1a Products) Alternative Name Background: Recommended name: Tubulin alpha-1A chain. Alternative name(s): Alpha-tubulin 1 Tubulin alpha-1 chain UniProt: P02550 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.