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## TUBA4A Protein (AA 1-322) (His tag)



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Quantity:	1 mg
Target:	TUBA4A
Protein Characteristics:	AA 1-322
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBA4A protein is labelled with His tag.
Application:	ELISA

Product Details	
Sequence:	ADACSGLQGF LIFHSFGGGT GSGFTSLLME RLSVDYGKKS KLEFAIYPAP QVSTAVVEPY
	NSILTTHTTL EHSDCAFMVD NEAIYDICCR NLDIERPTYT NLNRLISQIV SSITASLRFD
	GALNVDLTEF QTNLVPYPRI HFPLVTYAPI ISSERAYHEQ LSVAEITSSC FEPNNQMVKC
	DPRHGKYMAC CMLYRGDVVP KDVNVAIAAI KTKRNIQFVD WCPTGVKVGI NYQPPTVVPG
	GDLAQVQRAV CMLSNTTAIA EAWARLDHKF DLMYAKRAFV HWYVSEGMEE GEFAEAREDL
	AALEKDYEEV GTDSFEDEND EE
Specificity:	Gallus gallus (Chicken)
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.
Purity:	> 90 %

#### **Target Details**

Target:	TUBA4A
Alternative Name:	Tubulin alpha-4 chain (TUBA4A Products)
Background:	Recommended name: Tubulin alpha-4 chain
UniProt:	P09643
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.	