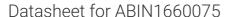
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alpha Tubulin Protein (TUBA1) (AA 1-451) (His tag)



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Quantity:	1 mg
Target:	alpha Tubulin (TUBA1)
Protein Characteristics:	AA 1-451
Origin:	Volvox carteri
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This alpha Tubulin protein is labelled with His tag.
Application:	ELISA

Product Details	
Sequence:	MREVISIHIG QAGIQVGNAC WELYCLEHGI QPDGQMPSDK TIGGGDDAFN TFFSETGAGK
	HVPRCIFLDL EPTVVDEVRT GTYRQLFHPE QLISGKEDAA NNFARGHYTI GKEIVDLALD
	RIRKLADNCT GLQGFLVFNA VGGGTGSGLG SLLLERLSVD YGKKSKLGFT VYPSPQVSTA
	VVEPYNSVLS THSLLEHTDV AVMLDNEAIY DICRRSLDIE RPTYTNLNRL IAQVISSLTA
	SLRFDGALNV DVTEFQTNLV PYPRIHFMLS SYAPIISAEK AYHEQLSVAE ITNAAFEPAS
	MMVKCDPRHG KYMACCLMYR GDVVPKDVNA AVATIKTKRT IQFVDWCPTG FKCGINYQPP
	TVVPGGDLAK VQRAVCMISN STAIGEIFSR LDHKFDLMYA KRAFVHWYVG EGMEEGEFSE
	AREDLAALEK DFEEVGAESA EGAGEGEGEE Y
Specificity:	Volvox carteri (Green alga)
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:	alpha Tubulin (TUBA1)
Alternative Name:	Tubulin alpha-1/alpha-2 chain (TUBA1) (TUBA1 Products)
Background:	Recommended name: Tubulin alpha-1/alpha-2 chain
UniProt:	P11481
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.	