Datasheet for ABIN1661988

Tubulin alpha Chain (TUB1) (AA 1-450) protein (His tag)

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Overview

Quantity:	1 mg
Target:	Tubulin alpha Chain (TUB1)
Protein Characteristics:	AA 1-450
Origin:	Oncorhynchus keta
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	MREVISMHVG QAGVQMGNAC WELYCLEHGI QPDGQMPSDK TCGGGDDSFN TFFSETGAGK HVPRAIFVDL EPTVIDEVRT GIYRQLFHPE QLITGKEDAA NNYARGHYTI GKEIIDIVLD RTRKLADQCT GLQGFLIFHS FGGGTGSGFT SLLMERLSVD YGKKSKLEFA VYPAPQVSTA VVEPYNSILT THTTLEHSDC AFMVDNEAIY DICRRNLDIE RPSYTNLNRL IGQIVSSITA SLRFDGALNV DLTEFQTNLV PYPRIHFPLA TYAPVISAEK AYHEQLSVAD ITNACFEPAN QMVKCDPRHG KYMACCLLYR GDVVPKDVNS AIAAIKTKRS IQFVDWCPTG FKVGINYQPP TVVPGGDLAK VQRAVCMLSN TTAIAEAWAR LDHKFDLMYA KRAFVHWYVG EGMEEGEFSE AREDMAALEK DYEEVGTDSV GEEDEEGEEY
Specificity:	Oncorhynchus keta (Chum salmon)
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:	Tubulin alpha Chain (TUB1)
Alternative Name:	Tubulin alpha chain (TUB1 Products)
Background:	Recommended name: Tubulin alpha chain
UniProt:	P30436

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.