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Datasheet for ABIN1475790  
**TUB Protein (AA 1-505) (His tag)**

### Overview

Quantity:	1 mg
Target:	TUB
Protein Characteristics:	AA 1-505
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUB protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MTSKPHSDWI PYSVLDDEGS NLRQKQLDRQ RALLEQKQKK KRQEPLMVQA NADGRPRSRR ARQSEEQAPL VESYLSSSGS TSYQVQEADS LASVQPGATR PPAPASAKKT KGAAASGGQG GAPRKEKKGK HKGTSGPATL AEDKSEAQGP VQILTVGQSD HAKDAGETAA GGGAQPSGQD LRATMQRKGI SSSMSFDEEE DEDENSSSSS QLNSNTRPSS ATSRKSTREA ASAPSPAPE PPVDIEVQDL EEFALRPAPQ GITIKCRITR DKKGMDRGMYP TYFLHLDRE DGKKVFLAG RKRKKSSTSN YLISVDPTDL SRGGDSYIGK LRSNLMGTFK TVYDNGVNPQ KASSSTLESG TLRQELAAVC YETNVLGFKG PRKMSVIVPG MNMVHERVCI RPRNEHETLL ARWQNKNTES IIELQNKTPV WNDTQSYVL NFHGRVTQAS VKNFQIIHGN DPDYIVMQFG RVAEDVFTMD YNYPLCALQA FAIALSSFDS KLACE
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

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Purity: > 90 %

## Target Details

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Target: TUB

Alternative Name: Tubby protein homolog (Tub) ([TUB Products](#))

Background: Recommended name: Tubby protein homolog

UniProt: [O88808](#)

Pathways: [RTK Signaling, Sensory Perception of Sound](#)

## Application Details

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**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 modified 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

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**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.