

Datasheet for ABIN7586433
TUBG1 Protein (AA 1-451) (His tag)



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Overview

Quantity:	100 µg
Target:	TUBG1
Protein Characteristics:	AA 1-451
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBG1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPREIITLQL GQCGNQIGFE FWKQLCAEHG ISPEGIVEEF ATEGTD RKDV FFYQADDEHY IPRAVLLDLE PRVIHSILNS SYAKLYNPEN IYLSEHG GGA GNNWASGFSQ GEKIHEDIFD IIDREADGSD SLEGFVLCHS IAGGTG SGLG SYLLERL NDR YPKKLVQTYS VFPNQDEMSD VVVQPYN SLL TLKRLTQNAD CVVVL DNTAL NLIATDRLHI QNPSFSQINQ LVSTIMSAST TTLRYPGYMN NDLIGLIASL IPTPR LHFLM TGYTPLTTDQ SVASVRKTTV LDVMRRL LQP KNVMVSTGRD RQTNHCYIAI LNIIQGEVDP TQVHKS LQRI RERKLANFIP WGPASIQVAL SRKSPYLP SA HRVSGLM MAN HTSISSLFER TCRQFDKLRK REAFMEQFRK EDIFKDNFDE MDTSREIVQQ LIDEYHAATR PDYISWGTQE Q
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

Purity: > 90 %

Target Details

Target: TUBG1

Alternative Name: Tubulin gamma-1 chain (Tubg1) ([TUBG1 Products](#))

Background: Recommended name: Tubulin gamma-1 chain.
Alternative name(s): Gamma-1-tubulin Gamma-tubulin complex component 1.
Short name= GCP-1

UniProt: [P83888](#)

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 modiflicated 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

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.