

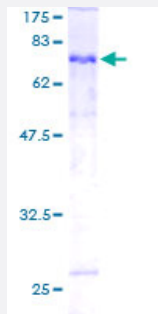
Full-Length

TUBE1 (Human) Recombinant Protein (P01)

Catalog # H00051175-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TUBE1 full-length ORF (AAH25405, 1 a.a. - 475 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTQSVVVQVGQCGNQIGCCFWDLALREHAAVNQKGIYDEAISSFFRNVDTRVVGDDGGSISKGKIC
SLKARAVLIDMEEGVVNEILQGPLRDVFDTKQLITDISGSGNNWAVGHKVFGLYQDQILEKFRKS
AEHCDCLQCFFIIHSMGGGTGSGLGTFLLKVLEDEFPEVYRFVTSIYPSGEDDVITSPYNSILAMKE
LNEHADCVLPIDNQSLFDIISKIDLMVNSGKLGTTVKPKSLVTSSSGALKKQHKKPFDDAMNNIVANL
LLNLTSSARFEGSLNMDLNEISMNLVPPQLHYLVSSLTPLYTLTDVNIPPRRLDQMFSDAFSKDH
QLLRADPKHSLYLACALMVRGNVQISDLRRNIERLKPSLQFVSWNQEGWKTSLSVPPVGHSHS
LLALANNTCVKPTFMELKERFMRLYKKKAHLHHYLQVEGMEESCFTAVSSLSALIQEYDQLDAT
KNMPVQDLPRLSIAM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

77.99

Interspecies Antigen Sequence

Mouse (91); Rat (90)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TUBE1

Entrez GeneID	51175
GeneBank Accession#	BC025405
Protein Accession#	AAH25405
Gene Name	TUBE1
Gene Alias	FLJ22589, TUBE, dJ142L7.2
Gene Description	tubulin, epsilon 1
Omim ID	607345
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the tubulin superfamily. This protein localizes to the centriolar sub-distal appendages that are associated with the older of the two centrioles after centrosome duplication. This protein plays a central role in organization of the microtubules during centriole duplication. A pseudogene of this gene is found on chromosome 5
Other Designations	OTTHUMP00000017033 OTTHUMP00000040425 epsilon-tubulin