

Recombinant Full Length Human TUBG1 Protein, C-Flag-tagged

Cat. No. TUBG1-471HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TUBG1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the tubulin superfamily. The encoded protein localizes to the centrosome where it binds to microtubules as part of a complex referred to as the gamma-tubulin ring complex. The protein mediates microtubule nucleation and is required for microtubule formation and progression of the cell cycle. A pseudogene of this gene is found on chromosome 7.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	51 kDa
AA Sequence	MPREIITLQLGQCQGNQIGFEFWKQLCAEHGISPEGIVEEFATEGTDRKDVFFYQADD EHYIPRAVLLDLE PRVIHSILNSPYAKLYNPENIYLSEHGGGAGNNWASGFSQGEKIH EDIFDIIDREADGSDSLEGFVLCHS IAGGTGSGGLGSYLLERLNDRYPKKLVTYTSVFP NQDEMSDVVVQPYNSLLTLKRLTQNADCVVLDNTAL NRIATDRLHIQNPSFSQINQ LVSTIMSASTTTLRYPGYMNDLIGLIASLIPTRLHFLMTGYTPLTTDQ SVASVRKTT VLDVMRRLLQPKNVMVSTGRDRQTNHCYIAILNIIQGEVDPTQVHKSQRIRERKLAN FIP WGPASIQVALSRKSPYLP SAHRVSGLMANHTSISSLFERTCRQYDKLRKREAF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	LEQFRKEDMFKDNFDE MDTSREIVQQQLIDEYHAATRPDYISWGTQEQTTRTRPLEQKLISEEDLAANDILDYKDD DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	TUBG1 tubulin gamma 1 [Homo sapiens (human)]
Official Symbol	TUBG1
Synonyms	TUBG; GCP-1; CDCBM4; TUBGCP1
Gene ID	7283
mRNA Refseq	NM_001070.5
Protein Refseq	NP_001061.2

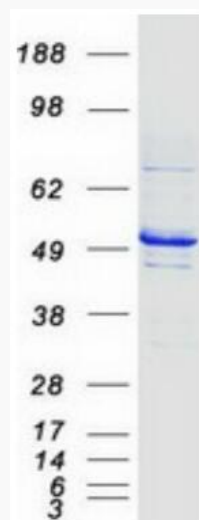
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MIM 191135

UniProt ID P23258



Coomassie blue staining of purified TUBG1 protein.

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