

Recombinant Full Length Human TUBG1 Protein

Cat. No. TUBG1-532HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TUBG1 with a proprietary tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	452 amino acids
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	Liquid
Molecular Mass	75.720kDa inclusive of tags
AA Sequence	MPREIITLQLGQCGNQIGFEFWKQLCAEHGISPEGIVEEFATEGTDRKDVFYQADD EHYIPRAVLDDLEPRVIHSILNSPYAKLYNPENIYLSEHGGGAGNNWASGFSQGEKIH EDIFDIIDREADGSDSLEGFVLCHSIAGGTGSGGLGSYLLERLNDRYPKKLVQTYSVFP NQDEMSDVVVQPYNSLLTLKRLTQNADCVVLDNTALNRIATDRLHIQNPSFSQINQ LVSTIMSASTTTLRYPGYMNDLIGLIASLIPTPRLHFLMTGYTPLTTDQSVASVRKTT VLDVMRRLQLPKNVMVSTGRDRQTNHCYIALNIIQGEVDPTQVHKSLQRIRERKLAN FIPWGPASIQVALSRKSPYLP SAHRVSGLMANHTSISSLFERTCRQYDKLRKREAF

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LEQFRKEDMFKDNFDEMDTSREIVQQLIDEYHAATRPDYISWGTQEQ

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name TUBG1 tubulin, gamma 1 [Homo sapiens]

Official Symbol TUBG1

Synonyms TUBG1; tubulin, gamma 1; TUBG, tubulin, gamma polypeptide; tubulin gamma-1 chain; TUBGCP1

Gene ID 7283

mRNA Refseq NM_001070

Protein Refseq NP_001061

MIM 191135

UniProt ID P23258

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