Recombinant Human TUBG1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TUBG1-4815H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TUBG1 MS Standard C13 and N15-labeled recombinant protein (NP_001061) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	51.2 kDa
AA Sequence	MPREIITLQLGQCGNQIGFEFWKQLCAEHGISPEGIVEEFATEGTDRKDVFFYQADD EHYIPRAVLLDLEPRVIHSILNSPYAKLYNPENIYLSEHGGGAGNNWASGFSQGEKIH EDIFDIIDREADGSDSLEGFVLCHSIAGGTGSGLGSYLLERLNDRYPKKLVQTYSVFP NQDEMSDVVVQPYNSLLTLKRLTQNADCVVVLDNTALNRIATDRLHIQNPSFSQINQ LVSTIMSASTTTLRYPGYMNNDLIGLIASLIPTPRLHFLMTGYTPLTTDQSVASVRKTT VLDVMRRLLQPKNVMVSTGRDRQTNHCYIAILNIIQGEVDPTQVHKSLQRIRERKLAN FIPWGPASIQVALSRKSPYLPSAHRVSGLMMANHTSISSLFERTCRQYDKLRKREAF LEQFRKEDMFKDNFDEMDTSREIVQQLIDEYHAATRPDYISWGTQEQTRTRPLEQK

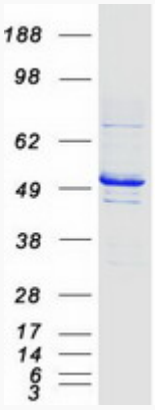
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	LISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TUBG1 tubulin gamma 1 [Homo sapiens (human)]
Official Symbol	TUBG1
Synonyms	TUBG1; tubulin, gamma 1; TUBG, tubulin, gamma polypeptide; tubulin gamma-1 chain; TUBGCP1; gamma-1-tubulin; tubulin, gamma polypeptide; gamma-tubulin complex component 1; TUBG; GCP-1;
Gene ID	7283
mRNA Refseq	NM_001070
Protein Refseq	NP_001061
MIM	191135

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UniProt ID	P23258
SDS-PAGE	

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