

Recombinant Human TUBG2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TUBG2-732H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TUBG2 MS Standard C13 and N15-labeled recombinant protein (NP_057521) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Tubulin is the major constituent of microtubules. The gamma chain is found at microtubule organizing centers (MTOC) such as the spindle poles or the centrosome. Pericentriolar matrix component that regulates alpha/beta chain minus-end nucleation, centrosome duplication and spindle formation.
Molecular Mass	51.1 kDa
AA Sequence	MPREIITLQLGQCGNQIGFEFWKQLCAEHGISPEGIVEEFATEGTDRKDVFFYQADD EHYIPRAVLLDLEPRVIHSILNSPYAKLYNPENIYLSEHGGGAGNNWASGFSQGEKIH EDIFDIIDREADGSDSLEGFVLCHSIAGGTGSGLGSYLLERLNDRYPKKLVQTYSVFP YQDEMSDVVVQPYNSLLTLKRLTQNADCVVLDNTALNRIATDRLHIQNPSFSQINQ LVSTIMSASTTTLRYPGYMNNDLIGLIASLIPTPRLHFLMTGYTPLTTDQSVASVRKTT VLDVMRRLQLPKNMVSTGRDRQTNHCYIAILNIIQGEVDPTQVHKSLQRIRERKLAN FIPWGPASIQVALSRKSPYLPSAHRVSGLMANHTSISSLFESSCQQQFDKLRKRDAF LEQFRKEDMFKDNFDEMDSREVVQELIDEYHAATQPDYISWGTQEQTTRTRPLEQK LISEEDLAANDILDYKDDDDKV

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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

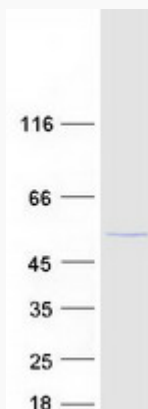
Gene Name	TUBG2 tubulin gamma 2 [Homo sapiens (human)]
Official Symbol	TUBG2
Synonyms	TUBG2; tubulin, gamma 2; tubulin gamma-2 chain; gamma-2-tubulin; MGC131994;
Gene ID	27175
mRNA Refseq	NM_016437
Protein Refseq	NP_057521
MIM	605785
UniProt ID	Q9NRH3

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SDS-PAGE



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