

Recombinant Human TUBA1C Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TUBA1C-2004H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TUBA1C MS Standard C13 and N15-labeled recombinant protein (NP_116093) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain.
Molecular Mass	49.9 kDa
AA Sequence	MRECISIHVGQAGVQIGNACWELCYLEHGIQPDGQMPSDKTIGGGDDSFNTFFSET GAGKHVPRAVFVDLEPTVIDEVRTGTyrQLFHPEQLITGKEDAANNYARGHYTIGKEI IDLVLDRIKRLADQCTGLQGFLVFHSGGGTGSGFTSLLMERLSVDYGGKSKLEFSIY PAPQVSTAVVEPYNSILTTHTTLEHSDCAFMVDNEAIYDICRRNLDIERPTYTNLNRLI SQIVSSITASLRFDGALNVDLTEFQTNLVPYPRIHFPLATYAPVISA EKAYHEQLTVAEI TNACFEPANQMVKCDPRHGKYM ACCLLYRGDVVPKDVNAAIATIKTKRTIQFVDWC PTGFKVGINYQPPTVVPGGDLAKVQRAVCMLSNTTAVAEAWARLDHKFDLMYAKRA FVHWYVGEGMEEGEFSEAREDMAALEKDYE EVGADSADGEDEGEEYTRTRPLEQ KLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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.

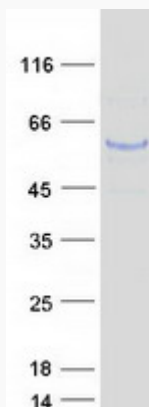
GENE INFORMATION

Gene Name	TUBA1C tubulin alpha 1c [Homo sapiens (human)]
Official Symbol	TUBA1C
Synonyms	TUBA1C; tubulin, alpha 1c; TUBA6, tubulin, alpha 6; tubulin alpha-1C chain; bcm948; MGC10851; MGC14580; alpha-tubulin 6; tubulin, alpha 6; tubulin alpha-6 chain; TUBA6;
Gene ID	84790
mRNA Refseq	NM_032704
Protein Refseq	NP_116093
UniProt ID	Q9BQE3

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SDS-PAGE

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