

Recombinant Human TUBA3D Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TUBA3D-6450H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TUBA3D MS Standard C13 and N15-labeled recombinant protein (NP_525125) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the alpha tubulin family. Tubulin is a major component of microtubules, which are composed of alpha- and beta-tubulin heterodimers and microtubule-associated proteins in the cytoskeleton. Microtubules maintain cellular structure, function in intracellular transport, and play a role in spindle formation during mitosis.
Molecular Mass	50 kDa
AA Sequence	MRECISIHVGQAGVQIGNACWELCYLEHGIQPDGQMPSDKTIGGGDDSFNTFFSET GAGKHVPRAVFVDLEPTVVDEVRTGTYRQLFHPEQLITGKEDAANNYARGHYTIGK EIVDLVLDRIKRLADLCTGLQGFLIFHSFGGGTGSGFASLLMERLSVDYGKKSLEFAI YPAPQVSTAVVEPYNSILTTHTTLEHSDCAFMVDNEAIYDICRRNLDIERPTYTNLNLRL IGQIVSSITASLRFDGALNVDLTEFQTNLVPYPRIHFPLATYAPVISAEEKAYHEQLSVAE ITNACFEPANQMVKYDPRHGKYMCCMLYRGDVVPKDVNAAIATIKTKRTIQFVDW CPTGFKVGINYQPPTVVPGGDLAKVQRAVCMLSNTTAIAEAWARLDHKFDLMYAKR AFVHWYVGEEMEEGEFSEAREDLAALEKDYEEVGVDSVEAEAEEGEEYTRTRPLE

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QKLISEEDLAANDILDYKDDDDKV

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	TUBA3D tubulin alpha 3d [Homo sapiens (human)]
Official Symbol	TUBA3D
Synonyms	TUBA3D; tubulin, alpha 3d; tubulin alpha-3C/D chain; alpha tubulin isotype H2 alpha; H2 ALPHA; tubulin alpha-2 chain; alpha-tubulin isotype H2-alpha; TUBA3C; H2-ALPHA;
Gene ID	113457
mRNA Refseq	NM_080386
Protein Refseq	NP_525125
MIM	617878

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UniProt ID

Q13748

SDS-PAGE

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