

Recombinant Human TUBA8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TUBA8-2192H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TUBA8 MS Standard C13 and N15-labeled recombinant protein (NP_061816) 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 protein family. Alpha tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. Mutations in this gene are associated with polymicrogyria and optic nerve hypoplasia. Alternate splicing results in multiple transcript variants.
Molecular Mass	50.1 kDa
AA Sequence	MRECISVHVGQAGVQIGNACWELFCLEHGIQADGTFDAQASKINDDDSFTTFFSETG NGKHVPRAVMIDLEPTVVDEVRAQTYRQLFHPEQLITGKEDAANNYARGHYTVGKE SIDLVLDRIRKLTACSGQLQGFLIFHSFGGGTGSGFTSLLMERLSLDYGKKSLEFAIY PAPQVSTAVVEPYNSILTHTTLEHSDCAFMVDNEAIYDICRRNLDIERPTYTNLNRLI SQIVSSITASLRFDGALNVDLTEFQTNLVPYPRIHFPLVTYAPIISAEKAYHEQLSVAEI TSSCFEPNSQMVKCDPRHGKYMCCMLYRGDVVPKDVNVAIAAIKTKRTIQFVDWC PTGFKVGINYQPPTVVPGGDLAKVQRAVCMLSNNTAIAEAWARLDHKFDLMIYAKRA FVHWYVGEEMEEGEFSEAREDLAALEKDYEEVGTDSFEEENEKEEFTRTRPLEQK

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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	TUBA8 tubulin alpha 8 [Homo sapiens (human)]
Official Symbol	TUBA8
Synonyms	TUBA8; tubulin, alpha 8; TUBAL2; tubulin alpha-8 chain; tubulin alpha chain-like 2;
Gene ID	51807
mRNA Refseq	NM_018943
Protein Refseq	NP_061816
MIM	605742
UniProt ID	Q9NY65

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SDS-PAGE

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