

Recombinant Human TUBB4A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TUBB4A-1906H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TUBB4 MS Standard C13 and N15-labeled recombinant protein (NP_006078) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the beta tubulin family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. Mutations in this gene cause hypomyelinating leukodystrophy-6 and autosomal dominant torsion dystonia-4. Alternate splicing results in multiple transcript variants encoding different isoforms. A pseudogene of this gene is found on chromosome X.
Molecular Mass	49.6 kDa
AA Sequence	MREIVHLQAGQCGNQIGAKFWEVISDEHGIDPTGTYHGDSDLQLERINVYYNEATGG NYVPRAVLVDLEPGTMDSVRSGPFGQIFRPDNFVFGQSGAGNNWAKGHYTEGAEL VDAVLDVVRKEAESCDCLQGFQLTHSLGGGTGSGMGTLISKIREEPDRIMNTFSV VPSPKVS DTVVEPYNATLSVHQLVENTDETYCIDNEALYDICFRTLKLTPTYGDLNH LVSATMSGVTTCLRFPGQLNADLRKLAVNMVFPRLHFFMPGFAPLTSRGSQQYRA LTVPELTQQMFDANKMMAACDPRHGRYLTVAAVFRGRMSMKEVDEQMLSVQSKN SSYFVEWIPNNVKTAVCDIPPRGLKMAATFIGNSTAIQELFKRISEQFTAMFRRKAFL

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HWYTGEGMDMEFTEAESNMNDLVSEYQQYQDATAEEGEFEEEEAEVEVATRTRPL
EQKLISEEDLAANDILDYKDDDDKV

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 TUBB4A tubulin beta 4A class IVa [Homo sapiens (human)]

Official Symbol TUBB4A

Synonyms TUBB4A; tubulin, beta 4A class IVa; TUBB4, tubulin, beta 4, tubulin, beta 4 class IVa; tubulin beta-4A chain; beta 5; class IVa beta tubulin; tubulin 5 beta; tubulin, beta, 5; tubulin beta-4 chain; class IVa beta-tubulin; tubulin, beta 4 class IVa; TUBB4; TUBB5; beta-5;

Gene ID 10382

mRNA Refseq NM_006087

Protein Refseq NP_006078

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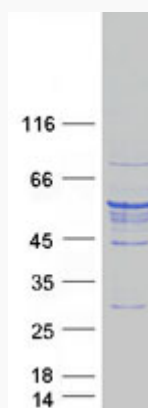
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MIM 602662

UniProt ID P04350

SDS-PAGE



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