

Recombinant Human TUBB6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TUBB6-5984H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TUBB6 MS Standard C13 and N15-labeled recombinant protein (NP_115914) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	TUBB6 (Tubulin Beta 6 Class V) is a Protein Coding gene. Diseases associated with TUBB6 include Facial Palsy, Congenital, With Ptosis And Velopharyngeal Dysfunction and Ptosis. Among its related pathways are Cell cycle_Spindle assembly and chromosome separation and Development Slit-Robo signaling. Gene Ontology (GO) annotations related to this gene include GTP binding and structural constituent of cytoskeleton. An important paralog of this gene is TUBB3.
Molecular Mass	49.9 kDa
AA Sequence	MREIVHIQAGQCGNQIGTKFWEVISDEHGIDPAGGYVGDSALQLERINVYYNESSSQ KYVPRAALVDLEPGTMDSVRSGPFGQLFRPDNFIFGQTGAGNNWAKGHYTEGAEL VDAVL DVVRKECEHCDC LQGFQLTHSLGGGTGSGMG TLLISKIREEF PDRIMNTFSV MPSPKVS DTVVEPY NATLSVHQLVENTDETYCIDNEALYDICFRTLKLTTP TYGDLNH LVSATMSGVT TSLRFPGQLNADLRKLAVNMVFPRLHFFMPGFAPLTSRGSQQYRA LTVPELTQQMFDARNMMAACDPRHGRYLT VATVFRGPMSMKEVDEQMLAIQSKNS SYFVEWIPNNVKVAVCDIPPRGLKMASTFIGNSTAIQELFKRISEQFSAMFRRKAFLH

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WFTGEGMDEMEFTEAESNMNDLVSEYQQYQDATANDGEEAFEDDEEEEIDGTRTRP
LEQKLISEEDLAANDILDYKDDDDKV

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 TUBB6 tubulin beta 6 class V [Homo sapiens (human)]

Official Symbol TUBB6

Synonyms TUBB6; tubulin, beta 6 class V; tubulin, beta 6; tubulin beta-6 chain; class V beta tubulin; HsT1601; MGC4083; tubulin beta MGC4083; class V beta-tubulin; TUBB-5; MGC132410;

Gene ID 84617

mRNA Refseq NM_032525

Protein Refseq NP_115914

MIM 615103

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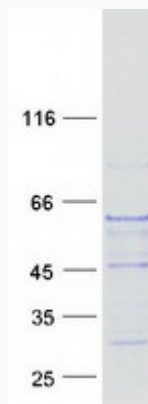
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UniProt ID

Q9BUF5

SDS-PAGE

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