

Recombinant Human TUBB2B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TUBB2B-4351H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TUBB2B MS Standard C13 and N15-labeled recombinant protein (NP_821080) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a beta isoform of tubulin, which binds GTP and is a major component of microtubules. This gene is highly similar to TUBB2A and TUBB2C. Defects in this gene are a cause of asymmetric polymicrogyria.
Molecular Mass	50 kDa
AA Sequence	MREIVHIQAGQCGNQIGAKFWEVISDEHGIDPTGSYHGDSDLQLERINVYYNEATGN KYVPRAILVDLEPGTMDSVRSGPFGQIFRPDNFVFGQSGAGNNWAKGHYTEGAELV DSVLDVVRKESESCDCLQGFLTHSLGGGTGSGMGTLISKIREEYPDRIMNTFSVM PSPKVSDTVVEPYNATLSVHQLVENTDETYCIDNEALYDICFRTLKLTTPYGDLNHL VSATMSGVTTCLRFPGQLNADLRKLAVNMVFPRLHFFMPGFAPLTSRGSQQYRAL TVPELTQQMFDSKNMMAACDPRHGRYLTVAIFRGRMSMKEVDEQMLNVQNKNS SYFVEWIPNNVKTAVCDIPPRGLKMSATFIGNSTAIQELFKRISEQFTAMFRRKAFLH WYTGEGMDEMEFTEAESNMNDLVSEYQQYQDATADEQGEFEEEEGEDEATRTRP LEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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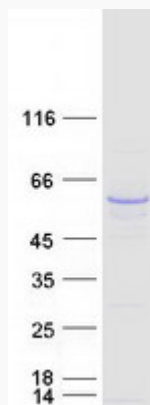
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	TUBB2B tubulin beta 2B class IIb [Homo sapiens (human)]
Official Symbol	TUBB2B
Synonyms	TUBB2B; tubulin, beta 2B class IIb; tubulin, beta 2B; tubulin beta-2B chain; bA506K6.1; class IIb beta tubulin; DKFZp566F223; MGC8685; class IIb beta-tubulin; class II beta-tubulin isotype; tubulin, beta polypeptide paralog; RP11-506K6.1; FLJ98847;
Gene ID	347733
mRNA Refseq	NM_178012
Protein Refseq	NP_821080
MIM	612850
UniProt ID	Q9BVA1

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SDS-PAGE

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