

Recombinant Full Length Human TUBB2B Protein, C-Flag-tagged

Cat. No. TUBB2B-1256HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TUBB2B Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49.8 kDa
AA Sequence	MREIVHIQAGQCGNQIGAKFWEVISDEHGIDPTGSYHGDSDLQLERINVYYNEATGN KYVPRAILVDLEP GTMDSVRSGPFGQIFRPDNFVFGQSGAGNNWAKGHYTEGAEL VDSVLDVVRKESESCDCLQGFQLTHSLG GGTGSGMGTLISKIREEYPDRIMNTFS VMPSPKVS DTVVEPYNATLSVHQLVENTDETYCIDNEALYDI CFRTLKLTTPTYGDL NHLVSATMSGVTTCLRFPGQLNADLRKLAVNMVFPRLHFFMPGFAPLTSRGSQQ YRALTVPELTQQMFDSKNMMAACDPRHGRYLTVA AIFRGRMSMKEVDEQMLNVQN KNSSYFVEWIPNNVK TAVCDIPPRGLKMSATFIGNSTAIQELFKRISEQFTAMFRRKA FLHWYTGE GMDMEFTEAESNMNDLVS EYQQYQDATADEQGEFEEEEGEDEATRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Gap junction, Pathogenic Escherichia coli infection
Full Length	Full L.

GENE INFORMATION

Gene Name	TUBB2B tubulin beta 2B class IIb [Homo sapiens (human)]
Official Symbol	TUBB2B
Synonyms	CDCBM7; PMGYSA; bA506K6.1
Gene ID	347733
mRNA Refseq	NM_178012.5
Protein Refseq	NP_821080.1

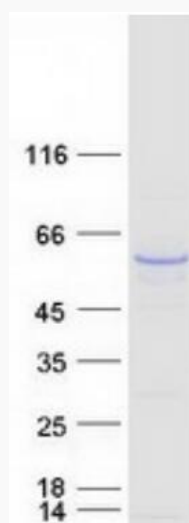
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MIM 612850

UniProt ID Q9BVA1



Coomassie blue staining of purified TUBB2B protein.

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