

Product datasheet for TP303629

beta V Tubulin (TUBB) (NM_178014) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tubulin, beta (TUBB), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203629 protein sequence Red =Cloning site Green =Tags(s)
	<p>MREIVHIQAGQCGNQIGAKFWEVISDEHGIDPTGTYHGSDQLDRISVYNEATGGKYVPRAILVDLEP GTMDSVRSRGPFGQIFRPDNFVFGQSGAGNNWAKGHYTEGAELVDSVLDVVRKEAESDCDCLQGFQLTHSLG GGTGSGMGTLLISKIREEYPDRIMNTFSVSPKVSdTVEPYNATLSVHQLVENTDETYCIDNEALYDI CFRTLKLTPTYGDLNHLVSATMSGVTTCLRFPGQLNADLRKLVANMVPFPRLHFFMPGFAPLTSRGSQQ YRALVPELTQQVFDKMMMAACDPRHGRYLTVAAVFRGRMSMKEVDEQMLNVQKNSSYFVEWIPNNVK TAVCDIPPRGLKMAVTFIGNSTAIQELFKRISEQFTAMFRRKAFLHWYTGEGMDEMEFTEAESNMNDLVS EYQQYQDATAEEEEEDFGEEAEEEE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	49.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_821133</u>



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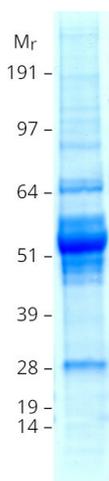
Locus ID: 203068
UniProt ID: [P07437](#), [Q5SU16](#)
RefSeq Size: 2688
Cytogenetics: 6p21.33
RefSeq ORF: 1332
Synonyms: CDCBM6; CSCSC1; M40; OK/SW-cl.56; TUBB1; TUBB5

Summary: This gene encodes a beta tubulin protein. This protein forms a dimer with alpha tubulin and acts as a structural component of microtubules. Mutations in this gene cause cortical dysplasia, complex, with other brain malformations 6. Alternative splicing results in multiple splice variants. There are multiple pseudogenes for this gene on chromosomes 1, 6, 7, 8, 9, and 13. [provided by RefSeq, Jun 2014]

Protein Families: Druggable Genome

Protein Pathways: Gap junction, Pathogenic Escherichia coli infection

Product images:



Coomassie blue staining of purified TUBB protein (Cat# TP303629). The protein was produced from HEK293T cells transfected with TUBB cDNA clone (Cat# [RC203629]) using MegaTran 2.0 (Cat# [TT210002]).