

## Product datasheet for **TP507083**

### Tubb5 (NM\_011655) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tubulin, beta 5 class I (Tubb5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207083 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MREIVHIQAGQCNGNQGAKFWEVISDEHGIDPTGTYHGDSLQDRISVYNEATGGKYVPRAILVDLEP GTMDSVRSRSGPFGQIFRPDNFVFGQSGAGNNWAKGHYTEGAELVDSVLVDVWRKEAESCDCLOQGFQLTHSLG GGTGSGMGTLISKIREEYPDRIMNTFSVPSPKVSDTVVEPYNATLSVHQLVENTDETYCIDNEALYDI CFRTLKLTPTYGDLNHLVSATMSGVTTCLRFPGQLNADLRKLAVNMVFPRLHFFMPGFAPLTSRGSQQ YRALTVPELTQQVFDAKNMMAACDPRHGRYLVAAVFRGRMSMKEVDEQMLNVQKNSSYFVEWIPNNVK TAVCDIPPRGLKMAVTFIGNSTAIQELFKRISEQFTAMFRRKAFLHWYTGEGMDEMEFTEAESNMNDLVS EYQQYQDATAEEEEEDFGEEAEEEE  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	49.7 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
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 after receiving vials.
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:	<a href="#">NP_035785</a>
Locus ID:	22154



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UniProt ID: [P99024](#)

RefSeq Size: 2645

Cytogenetics: 17 B1

RefSeq ORF: 1335

Synonyms: AA408537; AI596182; B130022C14Rik; M(beta)5

Summary: Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain.  
[UniProtKB/Swiss-Prot Function]