

Product datasheet for **TP507207**

Tubg1 (NM_134024) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tubulin, gamma 1 (Tubg1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207207 protein sequence Red =Cloning site Green =Tags(s)
	<p>MPREIITLQLGQCGNQIGFEFWKQLCAEHGISPEGIVEEFATEGTDRKDVFFYQADDEHYIPRAVLLDLE PRVIHSILNSSYAKLYNPENIYLSEHGGGAGNNWASGFSQGEKIHEDIFDIIDREADGSDSLEGFVLCHS IAGGTGSGGLGSYLLERLNDRYPKKLVQTYSVFPNQDEMSDVVVQPYNSLLTLKRLTQNADCVVLDNTAL NLIATDRLHIQNPSFSQINQLVSTIMSASTTTLRYPGYMNNDLIGLIASLIPTPRLHFLMTGYTPLTTDQ SVASVRKTTVLDVMRRLQPKNVMVSTGRDRQTNHCYIALNIIQGEVDPTQVHKSQRIRERKLANFIP WGPASIQVALSRKSPYLP SAHRVSGLMANHTSISLFFERTCRQFDKLRKREAFMEQFRKEDIFKDNFDE MDSREIVQQLIDEYHAATRPDYISWGTQEQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	51.1 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:	<u>NP_598785</u>
Locus ID:	103733



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UniProt ID: [P83887, Q6F4J1](#)

RefSeq Size: 1609

Cytogenetics: 11 64.24 cM

RefSeq ORF: 1356

Synonyms: 1500010O08Rik; AI451582; AI503389; Tubg

Summary: Tubulin is the major constituent of microtubules. The gamma chain is found at microtubule organizing centers (MTOC) such as the spindle poles or the centrosome. Pericentriolar matrix component that regulates alpha/beta chain minus-end nucleation, centrosome duplication and spindle formation (By similarity).[UniProtKB/Swiss-Prot Function]