

## Product datasheet for TP511126

### Tubgcp3 (NM\_198031) Mouse Recombinant Protein

#### Product data:

|                                       |                                                                                                                                                            |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Recombinant Proteins                                                                                                                                       |
| Description:                          | Purified recombinant protein of Mouse tubulin, gamma complex associated protein 3 (Tubgcp3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species:                              | Mouse                                                                                                                                                      |
| Expression Host:                      | HEK293T                                                                                                                                                    |
| Expression cDNA Clone or AA Sequence: | >MR211126 representing NM_198031<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)                                                                         |

MATPDQKSPNVLLQNLCCRILGRSEADVAQQFQFAVRVIGSNFAPTVERDEFLVAEKIKKELIRQRREAD  
AALFSELHRKLHSQGV LKNKWSILYLLLNLSEDPRKQASKVTSYASLFAQALPRDAHSTPYYPARPQTL P  
LNYQDRSTQAQSSGLGSSGSISSIGMCGLSGPTPVQPFLPGQSHQAPGVGDGLRQQLGPRLAWTLTGNQP  
SSQTPTSKGFPNALSRLNTRSRREGDPGGTLEVTEAALVRDILYVVFQIDGKNIKMSSTENCYKVEAKAN  
LNKSLRDTAVRLAELGWLHNKIRKYADQRSLSDFGLVGGQSFCAALHQELKEYRLLSVLHSQLQLEDDQ  
GVNLGLESSLTLRLLVWYDYPKIRLKTALALVDHCQGRKGGELASAVHAYTKTGDPPYMKSLVQHILSLV  
SHPVLSFLYRWIYDGELEDTYHEFFVASDPTVKTDRLWHDKYTLRKSMPFITMDQSRKVLIGKISINF  
LHQVCHDQTPPTTKMIAVTKSAESPRDAADLFTDLENAFQGGKIDAAYFETSKYLLDVLNKKYSLLEHMAM  
RRYLLLGQGD FIRHLMDLLKPELVRPATTLYQHNLTGILETAVRATNAQFDSPEILKRLDVRLLLEVSPGD  
TGWDVFSLDYHVDGPIATVFTRECM SHYLRVFNFLWRAKRMEYILTDIRKGHMCNAKLLRNMPFSGVLH  
QCHILASEMVHFIHQMQYYITFEVLECSWDELWNRVQQAQDLDHIAAHEAFLNTITSRCLLDSNSRVLL  
NQLRAVFDQIIEIQNAQDVMYRAALEELQRRLQFEEKKKQREIEGQWGVTAEEEEENKRIREFQDSIPK  
MCSQLRILTHFYQGVVQQFLVLLTSSDES LQFLSFR LDFNEHYKAREPRLRVSLGSRGRRSSHT

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

|                |                                                                                                                                                      |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tag:           | C-MYC/DDK                                                                                                                                            |
| Predicted MW:  | 103.5 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                                                                                                 |
| Note:          | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |



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|                      |                                                                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage:</b>      | Store at -80°C after receiving vials.                                                                                                         |
| <b>Stability:</b>    | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>RefSeq:</b>       | <a href="#">NP_932148</a>                                                                                                                     |
| <b>Locus ID:</b>     | 259279                                                                                                                                        |
| <b>UniProt ID:</b>   | <a href="#">P58854</a>                                                                                                                        |
| <b>RefSeq Size:</b>  | 3663                                                                                                                                          |
| <b>Cytogenetics:</b> | 8 A1.1                                                                                                                                        |
| <b>RefSeq ORF:</b>   | 2715                                                                                                                                          |
| <b>Synonyms:</b>     | GCP3; Spc98p                                                                                                                                  |
| <b>Summary:</b>      | Gamma-tubulin complex is necessary for microtubule nucleation at the centrosome.<br>[UniProtKB/Swiss-Prot Function]                           |