# Recombinant Mouse Tubg1 Protein, MYC/DDK-tagged

**Cat. No.** Tubg1-233M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Purified recombinant protein of full-length mouse tubulin, gamma 1 (Tubg1), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| **Species** | Mouse |
| **Source** | HEK293 |
| **Description** | 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. |
| **Molecular Mass** | 51.1 kDa |
| **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 after receiving vials. |
| **Concentration** | >50 ug/mL as determined by microplate BCA method |
| **Storage Buffer** | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

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## GENE INFORMATION

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| **Gene Name** | Tubg1 tubulin, gamma 1 [ Mus musculus (house mouse) ] |
| **Official Symbol** | Tubg1 |
| **Synonyms** | Tubg1; tubulin, gamma 1; Tubg; GCP-1; AI451582; AI503389; 1500010O08Rik; tubulin gamma-1 chain; gamma-tubulin complex component 1; tubulin, gamma polypeptide |
| **Gene ID** | 103733 |
| **mRNA Refseq** | NM_134024 |
| **Protein Refseq** | NP_598785 |
| **UniProt ID** | P83887 |

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