

Recombinant Mouse Tubg1 Protein, MYC/DDK-tagged

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

SPECIFICATION

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

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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