

Recombinant Mouse TbcB Protein, Myc/DDK-tagged

Cat. No. TbcB-6311M Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Purified recombinant protein of mouse full-length tubulin folding cofactor B (TbcB), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | Binds to alpha-tubulin folding intermediates after their interaction with cytosolic chaperonin in the pathway leading from newly synthesized tubulin to properly folded heterodimer. Involved in regulation of tubulin heterodimer dissociation. May function as a negative regulator of axonal growth. |
| Molecular Mass | 27.4 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 µg/mL as determined by microplate BCA method |
| Storage Buffer | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

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|------------------------|---|
| Gene Name | Tbcb tubulin folding cofactor B [Mus musculus (house mouse)] |
| Official Symbol | Tbcb |
| Synonyms | TBCB; tubulin folding cofactor B; tubulin-folding cofactor B; tubulin-specific chaperone B; cytoskeleton-associated protein 1; cytoskeleton-associated protein CKAPI; CG22; CKAPI; Ckap1; AU041393; 2410007D12Rik |
| Gene ID | 66411 |
| mRNA Refseq | NM_025548 |
| Protein Refseq | NP_079824 |
| UniProt ID | Q9D1E6 |

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