

Recombinant Mouse Tbcdb Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tubulin folding cofactor B (Tbcdb), 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.

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GENE INFORMATION

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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