

Product datasheet for **TP308792M**

CKAP1 (TBCB) (NM_001281) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human tubulin folding cofactor B (TBCB), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC208792 protein sequence
Red=Cloning site **Green**=Tags(s)

MEVTGVSAPTVTVFISSSLNTRFRSEKRYRSRLTIAEFKCKLELLVGSPASCMELELYGVDDKFYSKLDQE
DALLGSYPVDDGCRIHVIDHSGARLGEYEDVSRVEKYTISQEAYDQRQDTVRSFLKRSLGRYNEEERAQ
QEAEAAQRLAEEKAQASSIPVGSRCVRAAGQSPRRGTVMYVGLTDFKPGYWIGVRYDEPLGKNDGSVNG
KRYFECQAKYGAFVKPAWTVGDFPEEDYGLDEI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 27.1 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

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001272](#)

Locus ID: 1155

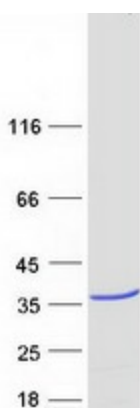
UniProt ID: [Q99426](#)



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RefSeq Size:	1475
Cytogenetics:	19q13.12
RefSeq ORF:	732
Synonyms:	CG22; CKAP1; CKAPI
Summary:	Binds to alpha-tubulin folding intermediates after their interaction with cytosolic chaperonin in the pathway leading from newly synthesized tubulin to properly folded heterodimer (PubMed:9265649). Involved in regulation of tubulin heterodimer dissociation. May function as a negative regulator of axonal growth (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified TBCB protein (Cat# [TP308792]). The protein was produced from HEK293T cells transfected with TBCB cDNA clone (Cat# [RC208792]) using MegaTran 2.0 (Cat# [TT210002]).