

Product datasheet for TP308792

CKAP1 (TBCB) (NM_001281) Human Recombinant Protein

Product data:

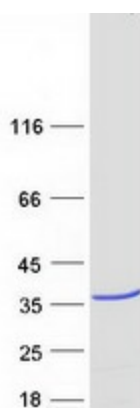
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tubulin folding cofactor B (TBCB), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208792 protein sequence Red =Cloning site Green =Tags(s)
	 MEVTGVSAPTVTVFISSSLNTRSEKRYRSRLTIAEFKCKLELLVGSPASCMELELYGVDDKFYSKLDQE 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]).