

Product datasheet for PH308792

CKAP1 (TBCB) (NM_001281) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TBCB MS Standard C13 and N15-labeled recombinant protein (NP_001272)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208792
Predicted MW:	27.3 kDa
Protein Sequence:	>RC208792 protein sequence Red=Cloning site Green=Tags(s) MEVTGVSAPTVTVFISSSLNTRFRSEKRYRSRLTIAEFKCKLELLVGPASCMELELYGVDDKFYSKLDQE DALLGSPVDDGCRIVHVIDHSGARLGEYEDVSRVEKYTISQEAAYDQRQDTVRSFLKRSKLGRYNEEERAQ QEAEAAQRLAEEKAQASSIPVGSRCVRAAGQSPRRGTVMYVGLTDFKPGYWIGVRYDEPLGKNDGVSNG KRYFECQAKYGAFVKPAVVTVGDFPEEDYGLDEI TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001272
RefSeq Size:	1475
RefSeq ORF:	732
Synonyms:	CG22; CKAP1; CKAPI
Locus ID:	1155
UniProt ID:	Q99426

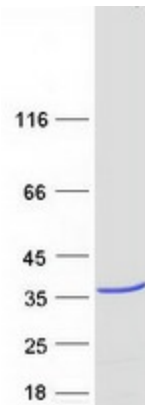


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Cytogenetics: 19q13.12

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]).