

Product datasheet for PH320472

CKAP2 (NM_018204) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CKAP2 MS Standard C13 and N15-labeled recombinant protein (NP_060674)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220472
Predicted MW:	76.9 kDa
Protein Sequence:	>RC220472 protein sequence Red=Cloning site Green=Tags(s)

MSTPAVPQDLQLPPSQRAQSAFKEQRRQKLKEHLLRRKTLFAYKQENEMLSSRDQRVVTSEDQVQEGTKV
LKLKTKMADKENMKRPAESKNNTVVGKHCIPKPSNELTNSTVVIDTHPKDSNQTPHLLLTEDDPQSQH
MTLSQAFHLKNNSSKKQMTTEKQKQDANMPKPKVLSYRGQIVQSKINSFRKPLQVKDESSAATKKLSAT
IPKATKPQPVNTSSVTVKSNRSSNMTATTKFVSTTSQNTQLVRPPIRSHSNTRDVKQGISRTSANVTI
RKGPHKELLQSKTALSSVKTSSSQGIIRNKTLRSIASEVVARPASLSNDKLMKSEPVQRRHTAGKA
IVDSRSAQPKETSEERKARLSEWKAGGRVLRPPNSVVTQHEPAGQNEKPVGSFWTTMAEEDQRLFTE
KVNNTFSECLNLINEGCPKEDILVTLNDLIKNIIPDAKKLVKYWICLALIEPITSPIENIIAIYEKAILAG
AQPIEEMRHTIVDILTMSQEKANLGENMEKSCASKEEVKEVSIEDTGVDVDPEKLEMESKLHRNLLFQD
CEKEQDNKTKDPHTDVKTPNTETRTSCLIKYNVSTTPYLQSVKKKQVQFDGTNSAFKELKFLTPVRRSRRLL
QEKTSKLPDMLKDHYPCVSSLEQLTELGREDAFVCRPNAALCRVYYEADTT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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_060674
RefSeq Size:	3736



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RefSeq ORF: 2046

Synonyms: LB1; se20-10; TMAP

Locus ID: 26586

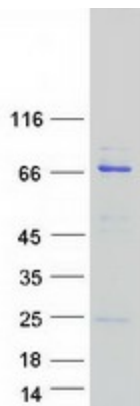
UniProt ID: [Q8WWK9](#)

Cytogenetics: 13q14.3

Summary: This gene encodes a cytoskeleton-associated protein that stabilizes microtubules and plays a role in the regulation of cell division. The encoded protein is itself regulated through phosphorylation at multiple serine and threonine residues. There is a pseudogene of this gene on chromosome 14. Alternative splicing results in multiple transcript variations. [provided by RefSeq, Nov 2013]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified CKAP2 protein (Cat# [TP320472]). The protein was produced from HEK293T cells transfected with CKAP2 cDNA clone (Cat# [RC220472]) using MegaTran 2.0 (Cat# [TT210002]).