

## Product datasheet for PH309441

### CNPY2 (NM\_014255) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CNPY2 MS Standard C13 and N15-labeled recombinant protein (NP_055070)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209441
Predicted MW:	20.7 kDa
Protein Sequence:	>RC209441 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MKGWGWLALLLGALLGTAWARRSQDLHCGACRALVDELEWEIAQVDPKKTIQMGFRINPDGSQSVVEVP YARSEAHLTELEEEICDRMKEYGEQIDPSTHRKNYVRVYGRNGESSELDLQGIRIDSDISGTLKFACESI VEEYEDELIEFFSREADNVKDKLCSKRTDLCDFHALHISHDEL  <b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	<u><a href="#">NP_055070</a></u>
RefSeq Size:	1247
RefSeq ORF:	546
Synonyms:	HP10390; MSAP; TMEM4; ZSIG9
Locus ID:	10330
UniProt ID:	<u><a href="#">Q9Y2B0</a></u>



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Cytogenetics: 12q13.3

Summary: Positive regulator of neurite outgrowth by stabilizing myosin regulatory light chain (MRLC). It prevents MIR-mediated MRLC ubiquitination and its subsequent proteasomal degradation. [UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified CNPY2 protein (Cat# [TP309441]). The protein was produced from HEK293T cells transfected with CNPY2 cDNA clone (Cat# [RC209441]) using MegaTran 2.0 (Cat# [TT210002]).