

## Product datasheet for **TP309441M**

### CNPY2 (NM\_014255) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human canopy 2 homolog (zebrafish) (CNPY2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209441 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MKGWGWLALLLGALLGTAWARRSQDLHCGACRALVDELEWEIAQVDPKKTIQMGsFRINPDGSQSVVE VP YARSEAHLTELLEECIDRMKEYGEQIDPSTHRKNYVRVVGVRNGESSELDLQGIRIDSDISGTLKFACESI VEEYEDELIEFFSREADNVKDKLCSKRTDLCDHALHISHDEL  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	20.5 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:	<u><a href="#">NP_055070</a></u>
Locus ID:	10330
UniProt ID:	<u><a href="#">Q9Y2B0</a></u>


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RefSeq Size:	1247
Cytogenetics:	12q13.3
RefSeq ORF:	546
Synonyms:	HP10390; MSAP; TMEM4; ZSIG9
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]).