

Product datasheet for TP309441L

OriGene Technologies, Inc.

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CNPY2 (NM_014255) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human canopy 2 homolog (zebrafish) (CNPY2), 1 mg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC209441 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MKGWGWLALLLGALLGTAWARRSQDLHCGACRALVDELEWEIAQVDPKKTIQMGSFRINPDGSQSVVE

VΡ

YARSEAHLTELLEEICDRMKEYGEQIDPSTHRKNYVRVVGRNGESSELDLQGIRIDSDISGTLKFACESI

VEEYEDELIEFFSREADNVKDKLCSKRTDLCDHALHISHDEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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: NP 055070

Locus ID: 10330

UniProt ID: Q9Y2B0





RefSeq Size: 1247

Cytogenetics: 12q13.3

RefSeq ORF: 546

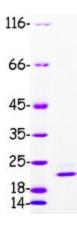
Synonyms: HP10390; MSAP; TMEM4; ZSIG9

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]).