

Product datasheet for PH309441

OriGene Technologies, Inc.

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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:HumanExpression Host:HEK293

Expression cDNA Clone

RC209441

or AA Sequence: Predicted MW:

20.7 kDa

Protein Sequence: >RC209441 protein sequence

Red=Cloning site Green=Tags(s)

MKGWGWLALLLGALLGTAWARRSQDLHCGACRALVDELEWEIAQVDPKKTIQMGSFRINPDGSQSVVEVP YARSEAHLTELLEEICDRMKEYGEQIDPSTHRKNYVRVVGRNGESSELDLQGIRIDSDISGTLKFACESI

VEEYEDELIEFFSREADNVKDKLCSKRTDLCDHALHISHDEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration: $>0.05 \mu g/\mu L$ 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: NP 055070

RefSeq Size: 1247 RefSeq ORF: 546

Synonyms: HP10390; MSAP; TMEM4; ZSIG9

 Locus ID:
 10330

 UniProt ID:
 Q9Y2B0





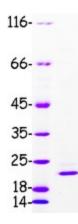
Cytogenetics:

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]).