

Recombinant Human CNPY2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CNPY2-3177H Lot. No. (See product label)

SPECIFICATION

Product Overview	CNPY2 MS Standard C13 and N15-labeled recombinant protein (NP_055070) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Positive regulator of neurite outgrowth by stabilizing myosin regulatory light chain (MRLC). It prevents MIR-mediated MRLC ubiquitination and its subsequent proteasomal degradation.
Molecular Mass	20.7 kDa
AA Sequence	MKGWGWLALLLGALLGTAWARRSQDLHCGACRALVDELEWEIAQVDPKKTIQMGS FRINPDGSQSVEVPYARSEAHLTELEEICDRMKEYGEQIDPSTHRKKNYVRVVGRN GESSELDLQGIRIDSDISGTLKFACESIVEEYEDELIEFFSREADNVKDKLCSKRTDLC DHALHISHDELTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CNPY2 canopy FGF signaling regulator 2 [Homo sapiens (human)]

Official Symbol CNPY2

Synonyms CNPY2; canopy 2 homolog (zebrafish); TMEM4, transmembrane protein 4; protein canopy homolog 2; Cnpy2; HP10390; ZSIG9; transmembrane protein 4; putative secreted protein Zsig9; MIR-interacting saposin-like protein; MSAP; TMEM4;

Gene ID 10330

mRNA Refseq NM_014255

Protein Refseq NP_055070

MIM 605861

UniProt ID Q9Y2B0

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