

Recombinant Mouse Cnpy2 Protein, Myc/DDK-tagged

Cat. No. Cnpy2-2224M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length canopy FGF signaling regulator 2 (Cnpy2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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	20.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Cnpy2 canopy FGF signaling regulator 2 [Mus musculus (house mouse)]
Official Symbol	Cnpy2
Synonyms	CNPY2; canopy 2 homolog (zebrafish); protein canopy homolog 2; transmembrane protein 4; putative secreted protein ZSIG9; MIR-interacting saposin-like protein; Tmem4; Zsig9; AW229003; D10Bwg1546e; 5330432A10Rik
Gene ID	56530
mRNA Refseq	NM_019953
Protein Refseq	NP_064337
UniProt ID	Q9QXT0

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