

## Product datasheet for **RC209441L4V**

### CNPY2 (NM\_014255) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CNPY2 (NM_014255) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CNPY2
Synonyms:	HP10390; MSAP; TMEM4; ZSIG9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014255
ORF Size:	546 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209441).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_014255.3</a>
RefSeq Size:	1247 bp
RefSeq ORF:	549 bp
Locus ID:	10330
UniProt ID:	<a href="#">Q9Y2B0</a>
Cytogenetics:	12q13.3
MW:	20.7 kDa


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**Gene 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]