

Product datasheet for **RC205309L4V**

CPNE6 (NM_006032) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CPNE6 (NM_006032) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CPNE6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006032
ORF Size:	1671 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205309).
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. More info
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:	NM_006032.2
RefSeq Size:	2235 bp
RefSeq ORF:	1674 bp
Locus ID:	9362
UniProt ID:	O95741
Cytogenetics:	14q11.2
Domains:	C2, VWA
MW:	62 kDa


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Gene Summary:

This gene encodes a member of the copine family. Members of this family are calcium-dependent, phospholipid-binding proteins with C2 domains, two calcium- and phospholipid-binding domains. Through their domain structure and lipid binding capabilities, these proteins may play a role in membrane trafficking. This protein is thought to be brain-specific and has a domain structure of two N-terminal C2 domains and one von Willebrand factor A domain. It may have a role in synaptic plasticity. [provided by RefSeq, Jul 2013]