

## Product datasheet for **RC220606L4V**

### CADPS2 (NM\_001009571) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CADPS2 (NM_001009571) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CADPS2
Synonyms:	CAPS2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001009571
ORF Size:	3765 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220606).
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_001009571.3</a> , <a href="#">NP_001009571.2</a>
RefSeq Size:	5951 bp
RefSeq ORF:	3768 bp
Locus ID:	93664
UniProt ID:	<a href="#">Q86UW7</a>
Cytogenetics:	7q31.32
MW:	143.5 kDa



[View online »](#)

**Gene Summary:**

This gene encodes a member of the calcium-dependent activator of secretion (CAPS) protein family, which are calcium binding proteins that regulate the exocytosis of synaptic and dense-core vesicles in neurons and neuroendocrine cells. Mutations in this gene may contribute to autism susceptibility. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2009]