

## Product datasheet for **MR226092L4V**

### Cplx2 (NM\_009946) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cplx2 (NM_009946) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cplx2
Synonyms:	921-L; AI413745; AW492120
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009946
ORF Size:	405 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226092).
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_009946.2</a> , <a href="#">NP_034076.1</a>
RefSeq Size:	4928 bp
RefSeq ORF:	405 bp
Locus ID:	12890
UniProt ID:	<a href="#">P84086</a>
Cytogenetics:	13 B1



[View online »](#)

**Gene Summary:**

Negatively regulates the formation of synaptic vesicle clustering at active zone to the presynaptic membrane in postmitotic neurons. Positively regulates a late step in exocytosis of various cytoplasmic vesicles, such as synaptic vesicles and other secretory vesicles (PubMed:11163241, PubMed:23345244). Also involved in mast cell exocytosis (PubMed:11163241). Although not essential for development, seems critical for the acquisition of higher cognitive functions in the adult brain (PubMed:12915444). [UniProtKB/Swiss-Prot Function]