

## Product datasheet for **RC200562L3V**

### Synaptogyrin 1 (SYNGR1) (NM\_145731) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Synaptogyrin 1 (SYNGR1) (NM_145731) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SYNGR1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_145731
ORF Size:	573 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200562).
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_145731.2</a>
RefSeq Size:	1341 bp
RefSeq ORF:	576 bp
Locus ID:	9145
UniProt ID:	<a href="#">O43759</a>
Cytogenetics:	22q13.1
Domains:	MARVEL
Protein Families:	Transmembrane
MW:	21 kDa



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**Gene Summary:**

This gene encodes an integral membrane protein associated with presynaptic vesicles in neuronal cells. The exact function of this protein is unclear, but studies of a similar murine protein suggest that it functions in synaptic plasticity without being required for synaptic transmission. The gene product belongs to the synaptogyrin gene family. Three alternatively spliced variants encoding three different isoforms have been identified. [provided by RefSeq, Jul 2008]