

## Product datasheet for **RC229041L4V**

### **SYTL2 (NM\_001162951) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	SYTL2 (NM_001162951) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SYTL2
Synonyms:	CHR11SYT; EXO4; PPP1R151; SGA72M; SLP2; SLP2A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001162951
ORF Size:	2802 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229041).
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_001162951.2</a> , <a href="#">NP_001156423.1</a>
RefSeq Size:	4142 bp
RefSeq ORF:	2805 bp
Locus ID:	54843
UniProt ID:	<a href="#">Q9HCH5</a>
Cytogenetics:	11q14.1
MW:	104.9 kDa



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**Gene Summary:**

The protein encoded by this gene is a synaptotagmin-like protein (SLP) that belongs to a C2 domain-containing protein family. The SLP homology domain (SHD) of this protein has been shown to specifically bind the GTP-bound form of Ras-related protein Rab-27A (RAB27A). This protein plays a role in RAB27A-dependent vesicle trafficking and controls melanosome distribution in the cell periphery. Alternative splicing results in multiple transcript variants encoding distinct isoforms.[provided by RefSeq, Jun 2009]