

## Product datasheet for **RC205445L2V**

### **SYT11 (NM\_152280) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	SYT11 (NM_152280) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SYT11
Synonyms:	SYT12; sytXI
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_152280
ORF Size:	1293 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205445).
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_152280.2</a> , <a href="#">NP_689493.2</a>
RefSeq Size:	5298 bp
RefSeq ORF:	1296 bp
Locus ID:	23208
UniProt ID:	<a href="#">Q9BT88</a>
Cytogenetics:	1q22
Domains:	C2
Protein Families:	Transmembrane



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**MW:** 48.3 kDa

**Gene Summary:** This gene is a member of the synaptotagmin gene family and encodes a protein similar to other family members that are known calcium sensors and mediate calcium-dependent regulation of membrane trafficking in synaptic transmission. The encoded protein is also a substrate for ubiquitin-E3-ligase parkin. The gene has previously been referred to as synaptotagmin XII but has been renamed synaptotagmin XI to be consistent with mouse and rat official nomenclature. [provided by RefSeq, Apr 2010]