

## Product datasheet for **MR206024L4V**

### Syt5 (NM\_016908) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

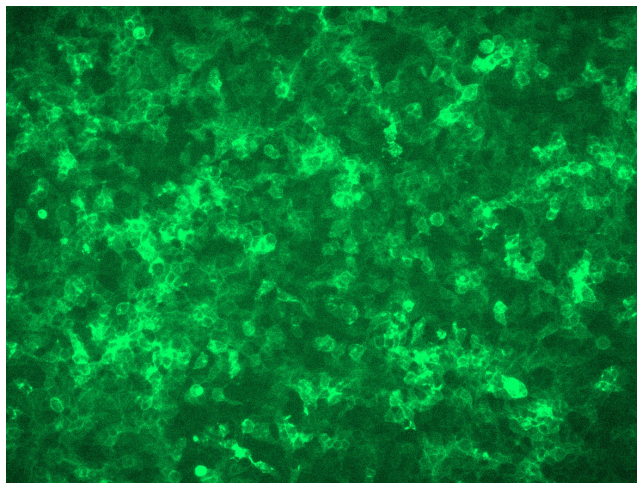
Product Type:	Lentiviral Particles
Product Name:	Syt5 (NM_016908) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Syt5
Synonyms:	SytV
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016908
ORF Size:	1161 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206024).
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_016908.2</a> , <a href="#">NP_058604.1</a>
RefSeq Size:	1764 bp
RefSeq ORF:	1161 bp
Locus ID:	53420
UniProt ID:	<a href="#">Q9R0N5</a>
Cytogenetics:	7 A1



[View online »](#)

**Gene Summary:**

May be involved in Ca(2+)-dependent exocytosis of secretory vesicles through Ca(2+) and phospholipid binding to the C2 domain or may serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis. Regulates the Ca(2+)-dependent secretion of norepinephrine in PC12 cells. Required for export from the endocytic recycling compartment to the cell surface.[UniProtKB/Swiss-Prot Function]

**Product images:**

[MR206024L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR206024L4V particle to overexpress human Syt5-mGFP fusion protein.