

Product datasheet for **MR216575L3V**

Syt3 (NM_001114116) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Syt3 (NM_001114116) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Syt3
Synonyms:	AI385753; sytIII
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001114116
ORF Size:	1761 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216575).
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. More info
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:	NM_001114116.1 , NP_001107588.1
RefSeq Size:	2497 bp
RefSeq ORF:	1764 bp
Locus ID:	20981
UniProt ID:	O35681
Cytogenetics:	7 28.83 cM



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Gene Summary:

Ca(2+) sensor involved in Ca(2+)-dependent exocytosis of secretory vesicles through Ca(2+) and phospholipid binding to the C2 domain. Ca(2+) induces binding of the C2-domains to phospholipid membranes and to assembled SNARE-complexes; both actions contribute to triggering exocytosis. Plays a role in dendrite formation by melanocytes.[UniProtKB/Swiss-Prot Function]