

Product datasheet for **MR202515L4V**

Vamp7 (NM_011515) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Vamp7 (NM_011515) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Vamp7
Synonyms:	Sybl1; TI-VAMP; VAMP-7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011515
ORF Size:	663 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202515).
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_011515.1
RefSeq Size:	2595 bp
RefSeq ORF:	663 bp
Locus ID:	20955
UniProt ID:	P70280
Cytogenetics:	X



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Gene Summary:

Involved in the targeting and/or fusion of transport vesicles to their target membrane during transport of proteins from the early endosome to the lysosome. Required for heterotypic fusion of late endosomes with lysosomes and homotypic lysosomal fusion. Required for calcium regulated lysosomal exocytosis. Involved in the export of chylomicrons from the endoplasmic reticulum to the cis Golgi. Required for exocytosis of mediators during eosinophil and neutrophil degranulation, and target cell killing by natural killer cells. Required for focal exocytosis of late endocytic vesicles during phagosome formation.[UniProtKB/Swiss-Prot Function]