

Product datasheet for **RC205125L4V**

VAMP1 (NM_199245) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	VAMP1 (NM_199245) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VAMP1
Synonyms:	CMS25; SPAX1; SYB1; VAMP-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_199245
ORF Size:	351 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205125).
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_199245.1
RefSeq Size:	3373 bp
RefSeq ORF:	354 bp
Locus ID:	6843
UniProt ID:	P23763
Cytogenetics:	12p13.31
Protein Families:	Secreted Protein, Transmembrane
Protein Pathways:	SNARE interactions in vesicular transport



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MW: 12.8 kDa

Gene Summary: Synaptobrevins, syntaxins, and the synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Mutations in this gene are associated with autosomal dominant spastic ataxia 1. Multiple alternative splice variants have been described, but the full-length nature of some variants has not been defined. [provided by RefSeq, Jul 2014]