

Product datasheet for **RC202783L4V**

VAMP3 (NM_004781) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	VAMP3 (NM_004781) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VAMP3
Synonyms:	CEB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004781
ORF Size:	300 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202783).
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_004781.3
RefSeq Size:	2225 bp
RefSeq ORF:	303 bp
Locus ID:	9341
UniProt ID:	Q15836
Cytogenetics:	1p36.23
Domains:	synaptobrevin
Protein Families:	Transmembrane



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Protein Pathways: SNARE interactions in vesicular transport

MW: 11.3 kDa

Gene Summary: Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. This gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Because of its high homology to other known VAMPs, its broad tissue distribution, and its subcellular localization, the protein encoded by this gene was shown to be the human equivalent of the rodent cellubrevin. In platelets the protein resides on a compartment that is not mobilized to the plasma membrane on calcium or thrombin stimulation. [provided by RefSeq, Jul 2008]