

Product datasheet for **RC202886L4V**

Vesicular Acetylcholine Transporter (SLC18A3) (NM_003055) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Vesicular Acetylcholine Transporter (SLC18A3) (NM_003055) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Vesicular Acetylcholine Transporter
Synonyms:	CMS21; VACHT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003055
ORF Size:	1596 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202886).
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_003055.1 , NP_003046.1
RefSeq Size:	2440 bp
RefSeq ORF:	1599 bp
Locus ID:	6572
UniProt ID:	Q16572
Cytogenetics:	10q11.23
Protein Families:	Druggable Genome, Transmembrane



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MW: 57 kDa

Gene Summary: This gene is a member of the vesicular amine transporter family. The encoded transmembrane protein transports acetylcholine into secretory vesicles for release into the extracellular space. Acetylcholine transport utilizes a proton gradient established by a vacuolar ATPase. This gene is located within the first intron of the choline acetyltransferase gene. [provided by RefSeq, Jul 2008]