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Product datasheet for RC205345L3V

SV2B (NM_014848) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SV2B (NM_014848) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SV2B
Synonyms:	HsT19680
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014848
ORF Size:	2049 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205345).
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_014848.4
RefSeq Size:	11361 bp
RefSeq ORF:	2052 bp
Locus ID:	9899
UniProt ID:	Q7L1I2
Cytogenetics:	15q26.1
Domains:	sugar_tr
Protein Families:	Secreted Protein, Transmembrane

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Protein Pathways: ECM-receptor interaction

MW: 77.4 kDa

Gene Summary: This gene encodes a member of the synaptic vesicle proteins 2 (SV2) family and major facilitator superfamily of proteins. This protein and other members of the family are localized to synaptic vesicles and may function in the regulation of vesicle trafficking and exocytosis. Studies in mice suggest that the encoded protein may act as a protein receptor for botulinum neurotoxin E in neurons, and that this protein may be important for the integrity of the glomerular filtration barrier. This gene shows reduced expression in areas of synaptic loss in the hippocampus of human temporal lobe epilepsy patients. [provided by RefSeq, Sep 2016]