

Product datasheet for RC208322L3

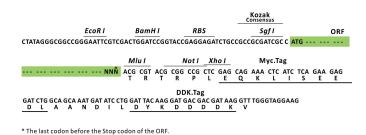
SV2A (NM_014849) Human Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	SV2A (NM_014849) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	SV2A
Synonyms:	SV2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208322).
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgf i ORF Mlu i GCG ATC GC ATG // NNN ACG CGT ACG CGT



ACCN: ORF Size: NM_014849 2226 bp



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SV2A (NM_014849) Human Tagged Lenti ORF Clone – RC208322L3	
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 014849.2</u>
RefSeq Size:	4428 bp
RefSeq ORF:	2229 bp
Locus ID:	9900
UniProt ID:	<u>Q7L0J3</u>
Cytogenetics:	1q21.2
Domains:	sugar_tr
Protein Families:	Secreted Protein, Transmembrane
Protein Pathways:	ECM-receptor interaction
MW:	82.7 kDa
Gene Summary:	The protein encoded by this gene is one of three related synaptic vesicle proteins. The encoded protein may interact with synaptotagmin to enhance low frequency neurotransmission in quiescent neurons. [provided by RefSeq, Jun 2016]

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