

## Product datasheet for **RC207618L3V**

### LSAMP (NM\_002338) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LSAMP (NM_002338) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LSAMP
Synonyms:	IGLON3; LAMP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002338
ORF Size:	1014 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207618).
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. <a href="#">More info</a>
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:	<a href="#">NM_002338.2</a>
RefSeq Size:	9478 bp
RefSeq ORF:	1017 bp
Locus ID:	4045
UniProt ID:	<a href="#">Q13449</a>
Cytogenetics:	3q13.31
Domains:	ig, IGc2, IG
Protein Families:	Transmembrane

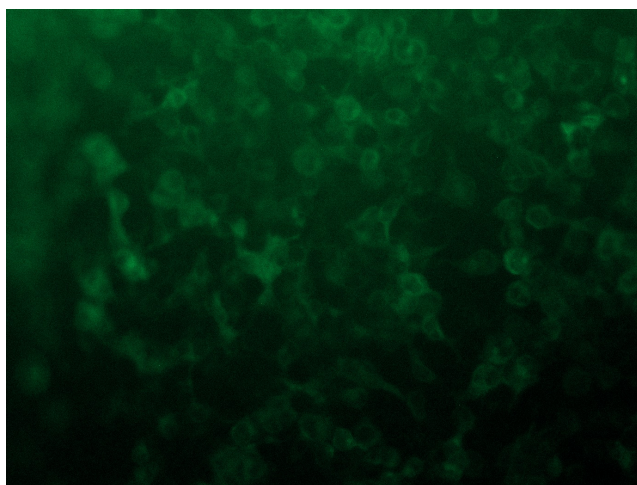


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MW: 37.4 kDa

**Gene Summary:** This gene encodes a member of the immunoglobulin LAMP, OBCAM and neurotrimin (IgLON) family of proteins. The encoded preproprotein is proteolytically processed to generate a neuronal surface glycoprotein. This protein may act as a selective homophilic adhesion molecule during axon guidance and neuronal growth in the developing limbic system. The encoded protein may also function as a tumor suppressor and may play a role in neuropsychiatric disorders. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed. [provided by RefSeq, Jan 2016]

### Product images:



[RC207618L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC207618L3V particle to overexpress human LSAMP-Myc-DDK fusion protein.