

Product datasheet for **RC208972L2V**

Synaptophysin (SYP) (NM_003179) Human Tagged ORF Clone Lentiviral Particle

Product data:

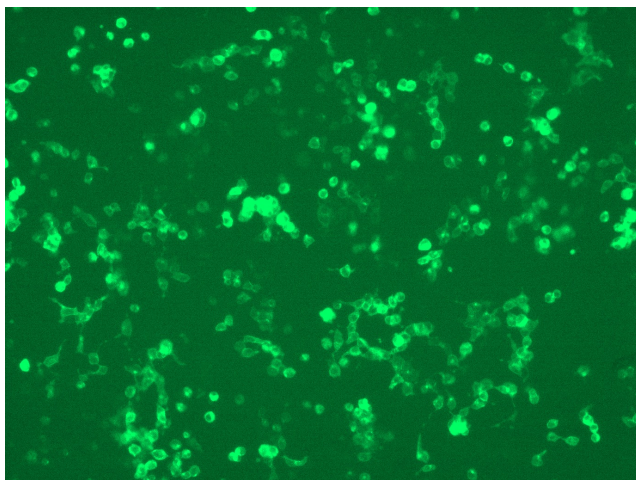
Product Type:	Lentiviral Particles
Product Name:	Synaptophysin (SYP) (NM_003179) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Synaptophysin
Synonyms:	MRX96; MRXSYP
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003179
ORF Size:	939 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208972).
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_003179.2
RefSeq Size:	2449 bp
RefSeq ORF:	942 bp
Locus ID:	6855
UniProt ID:	P08247
Cytogenetics:	Xp11.23
Protein Families:	Secreted Protein, Transmembrane
MW:	33.9 kDa



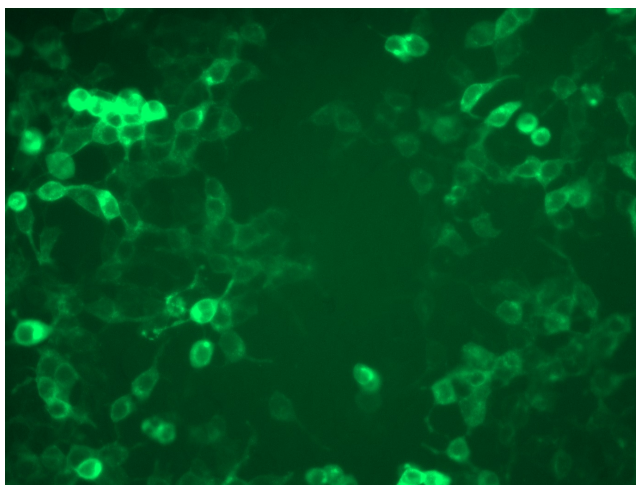
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Gene Summary:

This gene encodes an integral membrane protein of small synaptic vesicles in brain and endocrine cells. The protein also binds cholesterol and is thought to direct targeting of vesicle-associated membrane protein 2 (synaptobrevin) to intracellular compartments. Mutations in this gene are associated with an X-linked form of cognitive disability. [provided by RefSeq, Jul 2017]

Product images:

[RC208972L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC208972L2V particle to overexpress human SYP-mGFP fusion protein.



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