Product datasheet for RC201819L1V

Synaptogyrin 2 (SYNGR2) (NM_004710) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Synaptogyrin 2 (SYNGR2) (NM_004710) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Synaptogyrin 2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_004710
ORF Size:	672 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201819).
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_004710.3
RefSeq Size:	1694 bp
RefSeq ORF:	675 bp
Locus ID:	9144
UniProt ID:	O43760
Cytogenetics:	17q25.3
Domains:	Synaptogyrin
Protein Families:	Transmembrane
MW:	24.8 kDa

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Gene Summary:

This gene encodes an integral membrane protein containing four transmembrane regions and a C-terminal cytoplasmic tail that is tyrosine phosphorylated. The exact function of this protein is unclear, but studies of a similar rat protein suggest that it may play a role in regulating membrane traffic in non-neuronal cells. The gene belongs to the synaptogyrin gene family. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]