

OriGene Technologies, Inc.

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Product datasheet for RC228665L4V

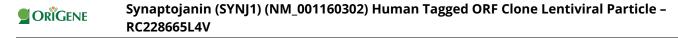
Synaptojanin (SYNJ1) (NM_001160302) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Synaptojanin (SYNJ1) (NM_001160302) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Synaptojanin
Synonyms:	DEE53; EIEE53; INPP5G; PARK20
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001160302
ORF Size:	3885 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228665).
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.
RefSeq:	<u>NM 001160302.1, NP 001153774.1</u>
RefSeq ORF:	3888 bp
Locus ID:	8867
UniProt ID:	<u>043426</u>
Cytogenetics:	21q22.11
Protein Families:	Druggable Genome, Phosphatase
Protein Pathways:	Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system
MW:	143.1 kDa



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Gene Summary:This gene encodes a phosphoinositide phosphatase that regulates levels of membrane
phosphatidylinositol-4,5-bisphosphate. As such, expression of this enzyme may affect
synaptic transmission and membrane trafficking. Multiple transcript variants encoding
different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

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