Product datasheet for RC215278L3V

Synaptojanin (SYNJ1) (NM_203446) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Synaptojanin (SYNJ1) (NM_203446) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Synaptojanin
Synonyms:	DEE53; EIEE53; INPP5G; PARK20
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_203446
ORF Size:	3885 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215278).
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_203446.1, NP_982271.1
RefSeq Size:	7039 bp
RefSeq ORF:	3936 bp
Locus ID:	8867
UniProt ID:	O43426
Cytogenetics:	21q22.11
Protein Families:	Druggable Genome, Phosphatase
Protein Pathways:	Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system

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MW: 149.1 kDa

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]