

Product datasheet for **RC204253L4V**

SEPT1 (SEPTIN1) (NM_052838) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SEPT1 (SEPTIN1) (NM_052838) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SEPTIN1
Synonyms:	DIFF6; LARP; PNUTL3; SEP1; SEPT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_052838
ORF Size:	1101 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204253).
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_052838.2
RefSeq Size:	1609 bp
RefSeq ORF:	1119 bp
Locus ID:	1731
UniProt ID:	Q8WYI6
Cytogenetics:	16p11.2
Domains:	GTP_CDC
MW:	42 kDa



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Gene Summary:

This gene is a member of the septin family of GTPases. Members of this family are required for cytokinesis and the maintenance of cellular morphology. This gene encodes a protein that can form homo- and heterooligomeric filaments, and may contribute to the formation of neurofibrillary tangles in Alzheimer's disease. Alternatively spliced transcript variants have been found but the full-length nature of these variants has not been determined. [provided by RefSeq, Dec 2012]