

## Product datasheet for **RC217993L4V**

### Spingosine 1 phosphate phosphatase 2 (SGPP2) (NM\_152386) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Spingosine 1 phosphate phosphatase 2 (SGPP2) (NM_152386) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Spingosine 1 phosphate phosphatase 2
Synonyms:	SPP2; SPPase2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152386
ORF Size:	1197 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217993).
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. <a href="#">More info</a>
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:	<a href="#">NM_152386.2</a>
RefSeq Size:	1200 bp
RefSeq ORF:	1200 bp
Locus ID:	130367
UniProt ID:	<a href="#">Q8IWX5</a>
Cytogenetics:	2q36.1
Protein Families:	Transmembrane



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**Protein Pathways:** Sphingolipid metabolism

**MW:** 44.6 kDa

**Gene Summary:** The protein encoded by this gene is a transmembrane protein that degrades the bioactive signaling molecule sphingosine 1-phosphate. The encoded protein is induced during inflammatory responses and has been shown to be downregulated by the microRNA-31 tumor suppressor. Alternative splice variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2016]