

Product datasheet for **RC214503L4V**

PSAPL1 (NM_001085382) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PSAPL1 (NM_001085382) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PSAPL1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001085382
ORF Size:	1563 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214503).
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_001085382.1
RefSeq Size:	4700 bp
RefSeq ORF:	1566 bp
Locus ID:	768239
UniProt ID:	Q6NUJ1
Cytogenetics:	4p16.1
Protein Pathways:	Lysosome
MW:	56.4 kDa



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Gene Summary:

This gene encodes a protein that is related to the glycoprotein prosaposin. Based on sequence similarity between the encoded protein and prosaposin, it is predicted that the encoded protein is a preproprotein that is proteolytically processed to generate multiple protein products. These predicted products include saposins A-like, B-like, C-like, and D-like, which may play a role in the lysosomal degradation of sphingolipids. [provided by RefSeq, Jul 2015]