

Product datasheet for **RC201012L1V**

PTDSS1 (NM_014754) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PTDSS1 (NM_014754) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PTDSS1
Synonyms:	LMHD; PSS1; PSSA
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_014754
ORF Size:	1419 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201012).
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_014754.1
RefSeq Size:	2576 bp
RefSeq ORF:	1422 bp
Locus ID:	9791
UniProt ID:	P48651
Cytogenetics:	8q22.1
Domains:	PSS
Protein Families:	Transmembrane



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Protein Pathways: Glycerophospholipid metabolism, Metabolic pathways

MW: 55.5 kDa

Gene Summary: The protein encoded by this gene catalyzes the formation of phosphatidylserine from either phosphatidylcholine or phosphatidylethanolamine. Phosphatidylserine localizes to the mitochondria-associated membrane of the endoplasmic reticulum, where it serves a structural role as well as a signaling role. Defects in this gene are a cause of Lenz-Majewski hyperostotic dwarfism. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2014]