

Product datasheet for **SC211537**

PTDSS1 (NM_014754) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PTDSS1 (NM_014754) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PTDSS1
Synonyms:	LMHD; PSS1; PSSA
ACCN:	NM_014754
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC211537 3'UTR clone of NM_014754
 The sequence shown below is from the reference sequence of NM_014754. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAAGTCACCAATGGCGTTGGAAAAGAAATGAAAAACCCTGGTTAATCAAAGATGTTCCAGAGTGCCTAGA
ACTGAGAGGGAAATGGAACCTATTTGGAACCTCCCGTGAGGAGGTCGAGGCGCACAGGGCAAGCAGGAA
GAGGCGAGGGCACTTGGGGGTCAATTATTTGAGATCGTAAGTCTTGTTCACACAGACCTGGCCGCGTCA
GGCAGATCATCGCTGGGGGGCCTTTGCCAACGTGGGGTCTCTTCTAACTTCAGCACTTGACATGCGGT
CACCGGTGGCAGCGGTGTGTTGAAGGAAACGGTAGCTATTCACTTACAGTTGCCAAGAGCAGCTCC
GCGCTGTGGATCGTGGATGCAGCGTAAACATCTTCTTCAGACGAGGCATTAACCCATGTTAATG
GACTGGTACCAGTTTTATTTATTTTATGAATCTACCTTTCCATTGATTGATTAAGTTCAGGCCA
CTTTCTGTCTTTATTTGGTACTGTTGTTATTTGTTTTAAGTTAGGATGCTTTTTAACAGCCTTTA
GAAGCCGCTGCTGAAATTGATACTGGGGGAAGGGTCCCTTCTCTTAGAGCAGAAAAGGGAGAGAGG
TGTTGTATTCTGTTGGTAACCTCAGTCTCTGTAAGACCTCCTACCACATGGCGAGTATACACCAAT
CAGGAGAGGGTAGCTGCCTGCATAGGAGCCTCGCTTCCGATTATTCCTTCCCAATATTATTCATCCAG
ACTTAGCCACAGTGCACAAAAGCAAACCTGCTAGAGAGGCAGTGAACACCACAGCTTCTCCCAAGTAG
GTGCCTTTTACATCGGGTTTGTCTCCTCCATGGTGTGTTGCTGACATTGCTACTGAGTCCCATGTGA
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TGATGGATCCCTGTTTTAAATAAAAACGATTCATTTAAAGCCTATCAAAGTCTGTCTGTAATAATGCT
CATTTTCTTGCATCTTACTGGTATCTTCTATTGATTGTAAGCAGTCTGTGTTTTCAAGTACTTTAGG
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ATATATGCTACTTCTTAGACTACCAAGTGACCAACAGGAATGAACAACATAGTCATTGTTTTTCC
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GTTTCTTCTTCTTAAGGAAATCTTTAGCCATAGAAGTGTCACTTTTTTTTTTCTGCAAAAAGATTCC
AAGATGAACGGTTGAATGAATCATGCCAGCCAGGTCACATCCTGTCTCAGGGGGCCAGTGTCAA
TAGTAGATTCTGCGGGAGTGGAGAAGCGTCAGTGGCAGCTCCGCTCACTTGGTGAGTGAGGGATTGGC
TGTGATGAGCCTCAGCTCCGAGCTCTCAAATGTCTCCAGCCAGCATCTGCCTGTTCCACAAAAGGA
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TTTAAACACAGGTACAATTTAAACATGATCTTTCTTTGCAAATAAATATGTTTTGTTTCATCCTGTGTT
CTGCTTTTCTAAGCATGACATACTTGTGCCATTGGAGAAGACACCTGTCTCTTCTTCTCACACCGGT
GGTGCCTCACTGAGTGTTCGGGTTTCAATTTCCGGGAGCACTGGGCCTGACACTTTCACACTCTTCTG
ACTTTCGCTTGTGCAACTGATGGAGCATGTGTGCTTCTCTGAGGCCAGCCTACAGGAGGCAGCTG
ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_014754.3](#)

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]

Locus ID: 9791

MW: 74.4