

## Product datasheet for MC210016

### Pdss1 (NM\_019501) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pdss1 (NM_019501) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pdss1
Synonyms:	2610203G20Rik; 2700031G06Rik; mDLP1; mSPS1; Tprt; TPT; TPT 1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC210016 representing NM_019501 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCTATGCGCTGGTCGTGCTGGCGCGTGGCTGCTCCTGGAGGCCGACCGGGTGGGAGCCCGCGGC  
GGGAACGACCTGGCTGTGTGGAGCCTCTCGAACACGTGCCGCCCTCGGACACCCGCGCGCAGATACCTA  
TTTTAGTCTTATGAAGATTTAATGTCTGCCTCCCAACTATGCATAGTATATCACAGTTTCATCAAAGG  
ACACCAGCAATGTCAGTTGTCGTCAAACTCAGAGTGGTGAGAAAATACAGTGATCCTTTAACTTGGCT  
GGAGAGACTTGAAAGGTCTGTATGAAGACATTAGAAAGGAGCTGCACATCTCCACCAGAGAACTAAAGGA  
CATGTCCGAATACTACTTCGATGGCAAAGGAAAAGCCTTTAGACCGATTATTGTGGTGCTAATGGCCGA  
GCGTGTAATATTCATCATAATAATGCCCGAGAGATGCAAGCCAGCCAGCGCTCCATAGCCTTAGTTGCAG  
AAATGATCCCACTGCTACTCTGGTTCATGATGACGTTATTGATGATGCAAGTTCTCGAAGAGGAAAACA  
TACAGTTAATAAAAATCTGGGGTGAGAAAAGGCTGTTCTTGCTGGAGATTAATTCTTTCTGCAGCGTCT  
GTAGCTCTGGCACGGATTGAAAACACAGCTGTTGTATCTATGTTAGCCCAAGTTATTGAAGATTTGGTGC  
GTGGTGAATTTCTCAGCTAGGGTCAAAAGAAAATGAGAATGAAAGTTTGCCCACTACCTTGGAAAGAC  
CTTCAAGAAGACAGCCAGCCTGATAGCCAACAGTTGTAAGCAGTCTGTCTGGGTTGCCTGACCCA  
GTGGTGATGAGATAGCCTATCAGTATGGGAAAATGTTGGAATAGCTTTTCAGCTCATAGATGATGAT  
TGGATTTACCTCATGTTCTGACCAGATGGGCAAGCCAACATCTGCAGACCTGAAGCTAGGCATAGCCAC  
TGGCCCTGTCTTTGCTTGGCAGCAGTCCCAGAAAATGAATGCTATGATAATGAGACGGTTTCAGTTTG  
CCAGGAGATGTGGACAGAGCAGCAGATGTATTACAGAGTGTGGCTGCAGCAAACAACCTACCTCG  
CCCAGCAGTACTGCCAAAAGCTGTGAGAGAGATCAGGAAGCTTAGACCATCTACAGAAAGGACGCCCT  
CATTACGCTTTCAGAAAGTGTGCTCACCAGAGATAAA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_019501
<b>Insert Size:</b>	1230 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_019501.3</a> , <a href="#">NP_062374.2</a>
<b>RefSeq Size:</b>	1638 bp
<b>RefSeq ORF:</b>	1230 bp
<b>Locus ID:</b>	56075
<b>UniProt ID:</b>	<a href="#">Q33DR2</a>
<b>Cytogenetics:</b>	2 A3
<b>Gene Summary:</b>	Supplies decaprenyl diphosphate, the precursor for the side chain of the isoprenoid quinones ubiquinone-10.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).