

## Product datasheet for MC211179

### Pdss2 (NM\_001168289) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pdss2 (NM\_001168289) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pdss2  
**Synonyms:** 5430420P03Rik; Gm60; kd; mDLP1; Plmp  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC211179 representing NM\_001168289  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAGCCTCCGGCAGCTGCTGTTGCGCTTGTCGGTTACCTCGGGGCTTCAGGTCCCCCAGTCGCCACT  
GGTGGTACTTCAGATCCCTCGACAGCATCTCCTCGGCGGGCTCCTGGCGGGGCGCTCCTCCAGGTCACC  
GGCCATTGGAACCAGGTGGTGTCCGAGGCGGAGAAGATCGTGGGCTACCCCGCATCCTTCATGAGCCTG  
CGCTGCCTGCTGAGCGACGAGCTCAGCAATATCGCCATGCAGGTGCGGAAGCTGGTGGGACGGGACACC  
CTCTGTTACCACTGCCAGGGCCCTCGTGCACGACAGCCGGCATAACCTACAACCTGCGGGGCTGGTCGT  
GCTCCTCATATCAAAGGCTGCGGGGCCAGCACTCGGAACGCTGCGTGTGAGAATACGACATGGTCAGT  
GGGTATACTCATGTCAAAGAAGTTTGGCAGAGATCACAGAATTATCCATACTGCTCCTCGGTGCATC  
GTGGGATAGTAACTTAAGTGAATTACAGTCATCTGATGGACCACTGAAAGACATGCAGTTTGGAAACAA  
AATAGCTATCCTGAGTGGAGACTTCCTTAGCAAATGCATGCAATGGACTAGCTCTTACAGAACACC  
AAGTTTGGAGCTTTTATCAAGTGCTCTTATGGACTTGGTGCATGGAGTATACCAGGAGAACTCTGCTT  
CCACCAAGGAAAATTCTATCCAGATGATATTGGAATCTCGACCTGGAAGGAGCAGACTTTCCTGTCCCA  
TTGTGCCTTGCTAGCGAAGAGCTGCCAGGCTGCAATGGAGTTAGCAAAGCATGATGCTGCGGTCCAAGAC  
ATGGCATTCCAGTATGGGAAGCAGATGGCCATGAGTACAAGATCAATGCTGACCTCCAGCCTTTTATTA  
AAGACAAGGCCAGTGACTCTAAGACTTTTAACTAACTAACTCAGCACTGTAGTCTTACATCAGGAGTTTCT  
TGGAAGAGATTTGTGGATTAAGCAGATTGGAGAGGCTCAAGAGAAAGGAAGCTTGAACACTACAGTAAGGTC  
GTCTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



<b>ACCN:</b>	NM_001168289
<b>Insert Size:</b>	1059 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>	<u><a href="#">NM_001168289.1</a></u> , <u><a href="#">NP_001161761.1</a></u>
<b>RefSeq Size:</b>	1581 bp
<b>RefSeq ORF:</b>	1059 bp
<b>Locus ID:</b>	71365
<b>UniProt ID:</b>	<u><a href="#">Q33DR3</a></u>
<b>Cytogenetics:</b>	10 22.91 cM
<b>Gene Summary:</b>	<p>Supplies decaprenyl diphosphate, the precursor for the side chain of the isoprenoid quinones ubiquinone-10.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 3' UTR and includes an alternate exon in the 3' coding region, which results in a frameshift, compared to variant 1. The resulting protein (isoform 2) has a distinct C-terminus, compared to isoform 1.</p>