

## Product datasheet for **MC207487**

### Plpp2 (NM\_015817) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Plpp2 (NM\_015817) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Plpp2  
**Synonyms:** L; Lpp2; PAP2-G; PAP2-gamma; PAP2c; Pp; Ppap2c  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC207487 representing NM\_015817  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGAGCGGAGGTGGGTCTTCGTGCTGCTGGACGTGCTGTGCGTGTGGTGCCTCTCTGCCTTTCATCA  
 TCCTGACCCTGGTGAATGCACCATATAAGCGGGGTTCTACTGTGGAGATGACTCCATCCGGTACCCATA  
 CCGTCCAGACACGATCACCCACGGACTCATGGCTGGGGTCATCATCACAGCTACTGTCATCCTTGTCTCA  
 TTGGGAGAAGCCTACCTGGTGTACACAGACCGTCTTTATTCGCGATCCAACCTCAACAACATGTAGCTG  
 CCATCTACAAGGTGCTGGAAACCTTTCTGTTCGGGGCTGCTGTGAGCCAGTCTCTCACCGACCTGGCCAA  
 GTACATGATTGGCCGTCTTCGACCCAGTTTCTGGCTGTCTGTGACCCTGACTGGAGCCAGGTCAACTGT  
 TCTGGCTATGTGCAGCTGGAGGTGTGCAGGGCCAGCCCTGCTAATGTCACGGAGGCCAGGCTGTCCTTCT  
 ACTCTGGCCACTCCTCCTTTGGCATGTATTGCATGTTGTTCTTGGCGCTATATGTGCAGGCCCGGCTCTG  
 CTGGAAGTGGGCACGGCTGCTGAGGCCACTGTTCACTTCTTGGTGGCCTTTCGAATCTATGTGGGC  
 TATACCGAGTGTCTGACCACAAGCACCCTGGAGTGTGCTTGTGCGCCTCTGCAGGGAGCCCTGG  
 TGGCCTGCCTCACGGTCCGCTATGTTTCAGATTTCTTCAAATCCCGGCCACCCAGCCCTGCCAGGAGGA  
 TGAAGTGCCGGAGCGCAAGCCAGTCTGTCACTGACGCTGACCCTTGGTGACCC**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_015817  
**Insert Size:** 831 bp



[View online »](#)

<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_015817.3</a> , <a href="#">NP_056632.2</a>
<b>RefSeq Size:</b>	1651 bp
<b>RefSeq ORF:</b>	831 bp
<b>Locus ID:</b>	50784
<b>UniProt ID:</b>	<a href="#">Q9DAX2</a>
<b>Cytogenetics:</b>	10 39.72 cM
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a lipid phosphate phosphohydrolase. It is an integral membrane protein that catalyzes the conversion of phosphatidic acid to diacylglycerol and inorganic phosphate. The transcript is expressed at high levels in lung, liver, and kidney and at low levels in brain and heart. Null mutant mice are viable and fertile and display no overt phenotypic defects. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>