

## Product datasheet for MC207612

### Lpar6 (NM\_175116) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Lpar6 (NM\_175116) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Lpar6  
**Synonyms:** 2610302I02Rik; P2ry5; P2y5  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC207612 representing NM\_175116  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGTAAGCTCCAATGGCTCCAGTGCCCTTATGACGACTCCTTTAAGTACACTCTGTACGGGTGCATGT  
 TCAGCATGGTCTTCGTGCTTGGGCTGATATCCAACGTGTTGCGATATACATTTTCATCTGTGCCCTCAA  
 AGTGAGAAATGAACTACAACGTACATGATTAACCTGGCAATGTCAGATTTACTTTTCGTCTTTACTTTG  
 CCATTTTCGGATTTTTACTTTGCAACACGGAATTGGCCATTTGGAGATCTACTCTGTAAGATTTTCAGTAA  
 TGCTGTTTTACACCAATATGTATGGAAGCATTCTGTTCTTAACCTGTATCAGTGTAGATCGATTTCTGGC  
 AATTGTCTACCCATTTAAGTCAAAGACTTTAAGAACGAAACGAAATGCAAAGATCGTTTGCATTGCTGTG  
 TGGTTCACAGTGATGGGAGGAAGTGCAGCTGAGTTTTCTTCAGTCGACCCACTCTCAGGGGAACAATA  
 CCTCAGAAGCCTGCTTTGAGAACTTTCCAGCGCCACATGGAAAACCTATCTCTCCAGGATTGTGATTTT  
 CATTGAAATAGTGGGCTTTTTATCCCTCTCATTTTGAACGTAACCTGTTCTAGTATGGTGCTAAGAAC  
 TTAATAAACCTGTTACATTAAGTAGAAGCAAAATGAACAAAACCTAAGGTTTTAAAAATGATTTTGTCC  
 ACTTGGTCATCTCTGTTTCTGTTTTGTGCCCTACAACATCAACCTCATTTTGTACTCGCTCATGAGGAC  
 ACAGACCTTTGTTAACTGCTCTGTGGTGGCGGACGTGAGGACCATGTACCCGATCACTCTCTGCATCGCT  
 GTTTCCAACCTGCTGCTTTGACCCTATTGTTTACTACTTCACTCAGACACAATTCAGAACTCAATAAAAA  
 TGAAAACTGGTCGGTTAGAAGAAGTACTCCAGGTTCTCTGAAGTTCAGGGCACTGAGAATTTTATCCA  
 ACACAACCTACAGACCTTAAAAATAAGATATTTGATAATGAATCTGCAATATA**A**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_175116



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<b>Insert Size:</b>	1035 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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. <a href="#">More info</a></p>
<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_175116.4</a> , <a href="#">NP_780325.1</a>
<b>RefSeq Size:</b>	2468 bp
<b>RefSeq ORF:</b>	1035 bp
<b>Locus ID:</b>	67168
<b>UniProt ID:</b>	<a href="#">Q8BMC0</a>
<b>Cytogenetics:</b>	14 D3
<b>Gene Summary:</b>	Binds to oleoyl-L-alpha-lysophosphatidic acid (LPA). Intracellular cAMP is involved in the receptor activation. Important for the maintenance of hair growth and texture (By similarity). [UniProtKB/Swiss-Prot Function]