

## Product datasheet for MC210610

### Lipf (NM\_026334) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Lipf (NM\_026334) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Lipf  
 Synonyms: 2310051B21Rik; AV082900  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC210610 representing NM\_026334  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTGGCTGCTATTAGTAACAAGTGTGCTATCTGCATTGGAGGTGCACATGGCCTATTTGGAAAACCTGG  
 GTCCAAAAACCCTGAAGCAAACATGAATGTTAGTCAGATGATACTTACTGGGGATATCCAAGTGAGGA  
 ATATGAAGTTGTTACTGAAGATGGCTACATTCTGGGGTCTATAGAATTCCTTATGGGAAGAAAAATCT  
 GAGAATATCGGCAAGAGACCTGTGGCATATTTGCAGCATGGTTTGATTGCATCAGCCACAAACTGGATTA  
 CAAATCTGCCAAACAACAGCCTGGCCTTCACTTCTAGCAGATGCTGGCTATGATGTGTGGCTGGGGAACAG  
 TCGAGGGAATACATGGTCCCGGAAAAATGTATACTATTACCAGACTCAGTTGAATTCTGGGCTTTCAGC  
 TTTGATGAAATGGCTAAATATGACCTTCCAGCCACCATAGACTTCATTGTACAGAAAACCTGGACAAGAGA  
 AGATACACTATGTTGGTCACTCTCAGGGCACCCTATCGGTTTTATTGCCTTTTCTACCAATCCTGCTCT  
 GGCTAAAAAATCAAGAGTTTTATGCATTAGCTCCAGTTGCTACTGTGAAGTATACAGAAAGTCCCTTT  
 AAAAAGATTTCACTTATTCCTAAGTTTCTCTCAAGGTGATATTTGGTAACAAAATGTTTCATGCCCA  
 ACTACTTAGATCAATTTCTGGTACGGAAGTGTGCTCACGGGAGCTGCTAGATCTCTCTGCAGCAACGC  
 TTTATTCACTTCTGTGGATTTGACAAGAAAACTTAAATGTGAGTCGCTTTGATGTGATCTAGGGCAT  
 AATCCAGCAGGAACATCTACTCAAGACCTTTTCCACTGGGCACAGCTTGCTAAATCTGGGAAGCTTCAAG  
 CCTATAACTGGGGAAGTCCATTACAGAACATGTTACACTACAATCAGAAAACGCCTCCCTACTATGATGT  
 GTCAGCCATGACCGTGCCAATTGCAGTGTGGAACGGTGGCCATGACATCTGGCTGATCCCCAAGATGTC  
 GCAATGCTGTTCCCAAACCTCCCAACCTTCTGTACCATAAGGAGATTCTCCCTACAATCACCTGGACT  
 TCATCTGGGCGATGGATGCGCCTCAAGAGGTTTACAATGAGATAGTTACCATGATGGCAGAAGAC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul



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<b>ACCN:</b>	NM_026334
<b>Insert Size:</b>	1188 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_026334.3</a></u> , <u><a href="#">NP_080610.1</a></u>
<b>RefSeq Size:</b>	1353 bp
<b>RefSeq ORF:</b>	1188 bp
<b>Locus ID:</b>	67717
<b>UniProt ID:</b>	<u><a href="#">Q9CPP7</a></u>
<b>Cytogenetics:</b>	19 C1
<b>Gene Summary:</b>	Catalyzes the hydrolysis of triacylglycerols to yield free fatty acids, diacylglycerol, monoacylglycerol, and glycerol (By similarity). Shows a preferential hydrolysis at the sn-3 position of triacylglycerol (By similarity).[UniProtKB/Swiss-Prot Function]