

## Product datasheet for **MC205898**

### Lipa (NM\_021460) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lipa (NM_021460) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lipa
Synonyms:	AA960673; Lal; Lip-1; Lip1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC058564  
 CTCGCCTGCTTGTAGTGGGCACTGCTTCTGGAGGCTGAGGTTGGAGGACCACTCCCGGAAGATGCAACTC  
 CAGGGCCTGGTGTTCGTTTTCCACATTGGGATCCTGCTTCTCGGGTGCCACGGGAACTGTATCAGCTG  
 TGGATCCTGAAGTCAACATGAATGTGACCGAGATAATCATGCGCTGGGGATATCCTGGTGAGGAACACTC  
 GGTCTTGACAGGAGATGGCTATATTCTGAGTATCACCGAATCCCTCGTGGGCGGAAGAACCATTTTGGC  
 AAAGTCCCAGACCAGTTGTGTATCTTCAGCACGGCTTCTGCGCAGATTCTAGTAACTGGGTCAACAACA  
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 AAACACCTGGTCTTTGAAGCACAAAGACTCTTTCAGTTTTCTCAGGATGAGTTCTGGGCTTCAAGTTTTGAT  
 GAGATGGCAAAATATGACCTACCTGCTTCAATTAACACATTTTGAATAAAACTGGCCAAGAACAATCT  
 ATTATGTGGGTCAATTCTCAAGGCTGCACCATAGGTTTCATAGCTTTTTACAGATGCCTGAGCTGGCAAA  
 GAAGATTAATAATGTTTTAGTCTTGGCTCCCGTGTGTCTCTCAATTTTCTCAGGCCCGCTACTTCAA  
 TTGGGACGCTTGCAGACCCTCTTCTCAAGGACATGTTTGGACAGAAGCAATTTCTCCCTCAGAGTGCGA  
 TGCTGAAGTGGCTGAGCATTACATTTGCACCCACGTCATCATGAAGGAGCTTTGCGCAACGCTTCTT  
 CCTGCTATGTGGCTTCAATGAGAAGAATTAATAATGTCTAGAGTGGATGTGTATACAACACACTGCCCT  
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 GGGGTTTGGATGCCCCCTGGAACTGTATGATGAAATAATCAGTCTAATGAAGAAATACCAGTGAATGCT  
 GGACTTGAATACTTCCCCTCAATGGGGGGGGGGGAACAGGTGTTTGTAAATTTCTGTAAAATCCTTG  
 TGTTCCTTATCTAGGTCATTTGTATTTTTATGTGCAAGAAAATGATGACGTTGAAGGTGTACATTGC  
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 AGTGATGCCTTTAAGTGTCTGTGATCCTTTTGTACCTTTTACAGTTGTTTTCGGTGCATATGTGC  
 GTGTCATATACGTGCCTAAGTGTGTGGGCTGAGTTCTGGCCAGCCCTCCTTGTGTGGAGGTAATGGC  
 TCACATCAGGGTGTCTTCTCAGTTACTTCCCATCTTACTTTTTGAAACAGGGTCTCTTGTAAACAGGG  
 AGTTTGTATTTTCACTGTTGAGGCTTGGCCATGAGCCTCCAGGATCTGCCTGTCTTACCTTCCCCTC  
 ACCAATGCTTCGGAATGGGGTGTCTGTCCAGCCGGCATTTTTACCCTGATTCTAGGGACAGGAACCTCAG  
 GTTCTCATGCTTGTGTAGCAAGCCCTTCACTCACCGAATCATTGCCTCAAACCCTCTGTAGTAGAACAG  
 CTACTCAGTTGCTTTTATTTCTGCCAACACAAGTGAACACACAGGACATTTCAAGCTGTTGTTTG  
 CTAGCAAAAATAAGTCTGCCAGTGACCTGAACATACGATGAAAAGCTCCTTGCTCTGAGCTTCATGTGGC  
 AGTGCAAACTACAATCCTAGTTCTCCAGAGTTGAGACAGGAAGACTGCTGTAGGACTTAGGGTTCATC  
 TAGAAAAGCAGACTTTGTCTCTAGAAAACCAAGACAAAGGAGGAAAAAAAAAAAAAAAAACCAAGTACTCAG  
 TTCTCATCCCTTTTCTTCTAGAGGACTGTCTAGCCAGAGTTCTGTGTTTACCTATCCTAAAAACAACATT  
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 TCTCTCAGTTTTCATCAGACCTCAATAACAAAATTTTTTTCAGGCCAAGCCCCCTCCCCCAAAAAATAA  
 GCATAGACTCTTGAAGCAGTTTGCACATGATTAATAAATAAAGCTTGAAGATTAATACAATGAGCT  
 GTGTTGGTTCCGCATGTGTAGTCCGGTCACTTTTCTGTGGAGAAACATTTCTGTGGAGGGACAAACCCTG  
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 GGTCCGATTCCTTTACACAAAATGATGCTTTTCCAGACAGAGCTCAGCTCAGGAATTTGCTTTGAGAAC  
 AGTGTGTATGCACAATGTTTTACTGAGCCTGCTTTGCTCCTGCGTACAGGAAGCCACATCTGTTCACT  
 TGGCTTGTGGGATGGCTGTCAACACTAGACAGTTGATAAGTTTTCTGATATTCTGATATTAGGTACCA  
 CGGATGCAGGAATGTTACTTGTATATCGGCTCATTGACAGGCAGAAATGATACAACCTTTGTAACAATTTA  
 AAGTTTTGATTTAACTTTTCAATAAATCTCAGCCTCATAGGCCTGAAAAAAAAAAAAAAAAAAAAAAAAA  
 AA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_021460  
**Insert Size:** 1194 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="#">BC058564</a> , <a href="#">AAH58564</a>
<b>RefSeq Size:</b>	2979 bp
<b>RefSeq ORF:</b>	1194 bp
<b>Locus ID:</b>	16889
<b>UniProt ID:</b>	<a href="#">Q9Z0M5</a>
<b>Cytogenetics:</b>	19 C1
<b>Gene Summary:</b>	<p>Crucial for the intracellular hydrolysis of cholesteryl esters and triglycerides that have been internalized via receptor-mediated endocytosis of lipoprotein particles. Important in mediating the effect of LDL (low density lipoprotein) uptake on suppression of hydroxymethylglutaryl-CoA reductase and activation of endogenous cellular cholesteryl ester formation (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.</p>