

## Product datasheet for MR206176

### Lipf (NM\_026334) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Lipf (NM\_026334) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Lipf  
**Synonyms:** 2310051B21Rik; AV082900  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR206176 representing NM\_026334  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTGGCTGCTATTAGTAACAAGTGTGCTATCTGCATTTGGAGGTGCACATGGCCTATTTGGAAACTGG  
GTCCAAAAACCCTGAAGCAAACATGAATGTTAGTCAGATGATACTTACTGGGGATATCCAAGTGAGGA  
ATATGAAGTTGTTACTGAAGATGGCTACATTCTGGGGTCTATAGAATTCCTTATGGGAAGAAAAATCT  
GAGAATATCGGCAAGAGACCTGTGGCATATTTGCAGCATGGTTTGATTGCATCAGCCACAACTGGATTA  
CAAATCTGCCAAACAACAGCCTGGCCTTATTCTAGCAGATGCTGGCTATGATGTGTGGCTGGGGAACAG  
TCGAGGGAATACATGGTCCCGAAAAATGTATACTATTACCAGACTCAGTTGAATTCGGGCTTTCAGC  
TTTGATGAAATGGCTAAATATGACCTTCCAGCCACCATAGACTTCATTGTACAGAAACTGGACAAGAGA  
AGATACACTATGTTGGTCACTCTCAGGGCACCCTATCGGTTTTATTGCCTTTTCTACCAATCCTGCTCT  
GGCTAAAAAATCAAGAGGTTTTATGCATTAGCTCCAGTTGCTACTGTGAAGTATACAGAAAAGTCCCTTT  
AAAAAGATTTCACTTATTCCTAAGTTTCTTCTCAAGGTGATATTTGGTAACAAAATGTTTCATGCCCA  
ACTACTTAGATCAATTTCTTGGTACGGAAGTGTGCTCACGGGAGCTGCTAGATCTTCTGCAGCAACGC  
TTTATTCATCTTCTGTGGATTTGACAAGAAAACTTAAATGTGAGTCGCTTTGATGTGTATCTAGGGCAT  
AATCCAGCAGGAACATCTACTCAAGACCTTTTCCACTGGGCACAGCTTGCTAAATCTGGGAAGCTTCAAG  
CCTATAACTGGGGAAGTCCATTACAGAACATGTTACACTACAATCAGAAAACGCCTCCCTACTATGATGT  
GTCAGCCATGACCGTGCCAATTGCAAGTGTGGAACGGTGGCCATGACATCCTGGCTGATCCCCAAGATGTC  
GCAATGCTGCTTCCCAAACCTCCCAACCTTCTGTACCATAAGGAGATTCTTCCCTACAATCACCTGGACT  
TCATCTGGGCGATGGATGCGCCTCAAGAGGTTTACAATGAGATAGTTACCATGATGGCAGAAGAC

**ACGGT**ACGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



**Protein Sequence:** >MR206176 representing NM\_026334  
Red=Cloning site Green=Tags(s)

MWLLLVTSVLSAFGGAHGLFGKLGPKNPEANMNVSQMITYWGYPSEEYEVVTEDEGYILGVYRIPYGKKNSE  
 ENIGKRPVAYLQHGLIASATNWIITNLPNNSLAFILADAGYDVWLGNSRGNTWSRKNVYSPDSVEFWAFS  
 FDEMAKYDLPATIDFIVQKTGQEKIHYVGHSSQGTIGFIAFSTNPALAKKIKRFYALAPVATVKYTESPF  
 KKISLIPKFLKVFIGNKMFMPHNYLDQFLGTEVCSRELLDLLCSNALFIFCGFDKKNLNVSRFDVYLGH  
 NPAGTSTQDLFHWAQLAKSGKLQAYNWGSPLQNMLHYNQKTPPYVDVSAMTVPIAVWNGGHDILADPQDV  
 AMLLPKLPNLLYHKEILPYNHLDFIWAMDAPQEVYNEIVTMAED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9005\\_f01.zip](https://cdn.origene.com/chromatograms/mm9005_f01.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_026334

**ORF Size:** 1185 bp

**OTI Disclaimer:** 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. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_026334.3](#), [NP\\_080610.1](#)

**RefSeq Size:** 1353 bp

**RefSeq ORF:** 1188 bp

**Locus ID:** 67717

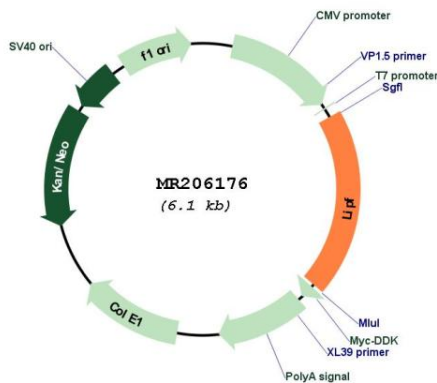
**UniProt ID:** [Q9CPP7](#)

**Cytogenetics:** 19 C1

**MW:** 45.1 kDa

**Gene Summary:** 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]

**Product images:**



Circular map for MR206176