

Product datasheet for **MG206176**

Lipf (NM_026334) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lipf (NM_026334) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Lipf
Synonyms:	2310051B21Rik; AV082900
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206176 representing NM_026334 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGCTGCTATTAGTAACAAGTGTGCTATCTGCATTTGGAGGTGCACATGGCCTATTTGGAAACTGG
GTCCAAAAACCCTGAAGCAAACATGAATGTTAGTCAGATGATACTTACTGGGGATATCCAAGTGAGGA
ATATGAAGTTGTTACTGAAGATGGCTACATTCTGGGGTCTATAGAATTCCTTATGGGAAGAAAAATTCT
GAGAATATCGGCAAGAGACCTGTGGCATATTTGCAGCATGGTTTGATTGCATCAGCCACAACTGGATTA
CAAATCTGCCAAACAACAGCCTGGCCTTATTCTAGCAGATGCTGGCTATGATGTGTGGCTGGGGAACAG
TCGAGGGAATACATGGTCCCGAAAAATGTATACTATTACCAGACTCAGTTGAATTCGGGCTTTCAGC
TTTGATGAAATGGCTAAATATGACCTTCCAGCCACCATAGACTTCATTGTACAGAAACTGGACAAGAGA
AGATACACTATGTTGGTCACTCTCAGGGCACCCTATCGGTTTTATTGCCTTTTCTACCAATCCTGCTCT
GGCTAAAAAATCAAGAGGTTTTATGCATTAGCTCCAGTTGCTACTGTGAAGTATACAGAAAGTCCCTTT
AAAAAGATTTCACTTATTCCTAAGTTTCTTCTCAAGGTGATATTTGGTAACAAAATGTTTCATGCCCA
ACTACTTAGATCAATTTCTTGGTACGGAAGTGTGCTCACGGGAGCTGCTAGATCTTCTGCAGCAACGC
TTTATTCATCTTCTGTGGATTTGACAAGAAAACTTAAATGTGAGTCGCTTTGATGTGTATCTAGGGCAT
AATCCAGCAGGAACATCTACTCAAGACCTTTTCCACTGGGCACAGCTTGCTAAATCTGGGAAGCTTCAAG
CCTATAACTGGGGAAGTCCATTACAGAACATGTTACACTACAATCAGAAAACGCCTCCCTACTATGATGT
GTCAGCCATGACCGTGCCAATTGCAAGTGTGGAACGGTGGCCATGACATCCTGGCTGATCCCCAAGATGTC
GCAATGCTGCTTCCCAAACCTCCCAACCTTCTGTACCATAAGGAGATTCTTCCCTACAATCACCTGGACT
TCATCTGGGCGATGGATGCGCCTCAAGAGGTTTACAATGAGATAGTTACCATGATGGCAGAAGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG206176 representing NM_026334
 Red=Cloning site Green=Tags(s)

MWLLLVTSVLSAFGGAHGLFGKLGPKNPEANMNVSQMITYWGYPSEEYEVVTEDEGYILGVYRIPYGGKNS
 ENIGKRPVAYLQHGLIASATNWIITNLPNNSLAFILADAGYDVWLGNSRGNTWSRKNVYVSPDSVEFWAFS
 FDEMAKYDLPATIDFIVQKTGQEKIHYVGHSSQGTITIGFIAFSTNPALAKKIKRFYALAPVATVKYTESPF
 KKIISLIPKFLKIVIFGNKMFMPHNYLDQFLGTEVCSRELLDLLCSNALFIFCGFDKKNLNVSRFDVYLGH
 NPAGTSTQDLFHWAQLAKSGKLQAYNWGSPLQNMLHYNQKTPPYVDVSAMTVPIAVWNGGHDILADPQDV
 AMLLPKLPNLLYHKEILPYNHLDFIWAMDAPQEYNEIVTMAED

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



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

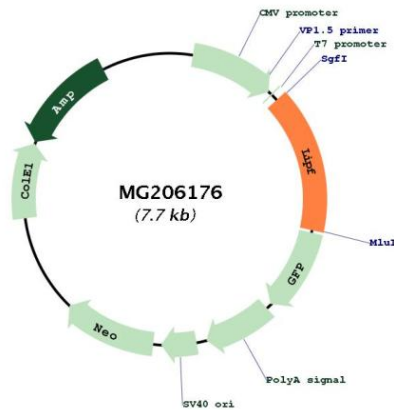
Locus ID: 67717

UniProt ID: [Q9CPP7](#)

Cytogenetics: 19 C1

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 MG206176