

Product datasheet for **RR212248**

Lipf (NM_017341) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lipf (NM_017341) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Lipf
Synonyms: RNLIP; Rnlp
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR212248 representing NM_017341
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTGGCTGTTATTAATAACAAGTGTGATCAACATTCGGAGGTGCACATGGCCTATTTGGAAACTGG
GTCCTGGAACCCTGAAGCAAATATGAATATTAGTCAGATGATACTTACTGGGGATATCCATGTCAAGA
ATATGAAGTTGTTACTGAAGATGGCTACATTCTGGGGGTCTACAGAATTCCTCATGGGAAGAATAATTCT
GAAAATATAGGCAAGAGACCTGTGGTGTATTTGCAGCATGGTTTGATCGCATCAGCCACAACTGGATTG
CAAATCTACCAAACAACAGCCTGGCCTTTATGCTAGCAGACGCTGGCTATGATGTGTGGCTGGGGAACAG
TCGAGGAAATACATGGTCCAGGAAAAATGTATACTACTCACCAGACTCAGTTGAATTCTGGGCTTTCAGC
TTTGATGAAATGGCTAAATATGACCTTCCCGCCACAATAAACTTCATTGTACAGAAAACCTGGACAAGAGA
AGATACACTATGTTGGTCATTCTCAGGGCACCATTGGTTTCATTGCCTTTTCTACCAATCCTACACT
GGCCAAAAAATCAAGACGTTTTATGCATTAGCTCCAGTTGCTACCGTGAAGTATACACAAAGTCCCTTG
AAAAAGATTTCAATTTATCCTACATTTCTTTTCAAGCTTATGTTTGGCAAGAAAATGTTCTGCCCCACA
CCTACTTTGATGACTTTCTTGGTACCGAAGTGTGCTCACGGGAGTTCTAGATCTTCTGCAGCAACAC
TTTATTTCATCTTCTGTGGATTTGACAAGAAAACCTTAAATGTGAGTCGTTTTGATGTGTATCTAGGGCAT
AATCCAGCAGGGACATCTGTTCAAGACTTCTCCACTGGGCACAGCTTGTAGATCTGGGAAATTTCAAG
CCTTCAACTGGGGAAGCCCATCCAGAACATGTTACACTACAACCAGAAAACGCCTCCTGAATATGATGT
GTCAGCCATGACTGTGCCAGTTGCAGTGTGGAACGGTGGCAATGACATCTGGCTGATCCCCAAGATGTC
GCCATGCTGTTCCCAAACCTCCAACCTCCTGTTCCATAAGGAGATTCTTGCTACAATCACCTGGACT
TCATCTGGGCAATGGATGCCCTCAAGAGGTTTACAATGAGATGATTTCCATGATGGCAGAAGAC

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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MWLLLLITSVISTFGGAHGLFGKLGPGNPEANMNISQMITYWGYPCQEYEVVTEDEGYILGVYRIPHGKNNSE
 ENIGKRPVYVLQHGHLIASATNWIANLPNNSLAFMLADAGYDVWLGNSRGNTWSRKNVYVSPDSVEFWAFS
 FDEMAKYDLPATINFIVQKTGQEKIHYVGHSSQGTIGFIAFSTNPTLAKKIKTFYALAPVATVKYTSPL
 KKISFIPITFLFKLMFGKMFHPHTYFDDFLGTEVCSREVLDLLCSNTLFIFCGFDKKNLNVSRFDVYLGH
 NPAGTSVQDFLHWAQLVRSQKQAFNWGSPSQNMLHYNQKTPPEYDVSAMTVPVAVWNGGNDILADPQDV
 AMLLPKLSNLLFHKEILAYNHLDIFIWAMDAPQEVYNEMISMMAED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

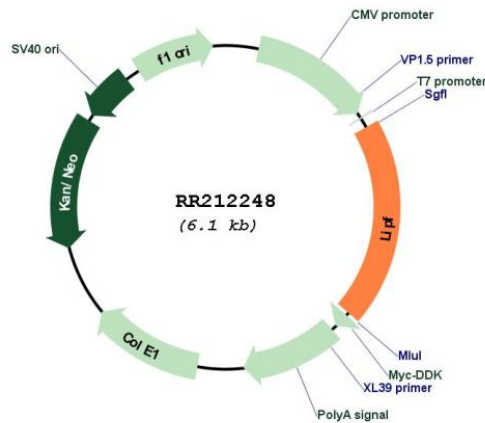
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_017341

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:	<ol style="list-style-type: none">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_017341.2 , NP_059037.1
RefSeq Size:	1377 bp
RefSeq ORF:	1188 bp
Locus ID:	50682
UniProt ID:	P04634
Cytogenetics:	1q52
MW:	44.6 kDa
Gene Summary:	gastric enzyme; metabolizes lipids and triacylglycerols; may be auxiliary enzyme for fat digestion and absorption [RGD, Feb 2006]