

Product datasheet for **RN214443**

Lipc (NM_012597) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lipc (NM_012597) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lipc
Synonyms:	MGC108746
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214443 representing NM_012597
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGAAATCACCTCAAATCTCCGTTTCCTGGTGTGCATCTTTATCCAGTCAAGTGCTGTGGAC
 AAGGCGTGGGAACAGAGCCCTTTGGGAGAAACCTTGGAGCTACTGAAGAAAGGAAACCGTTACAGAAGCC
 AGAGATCAGATTCTGCTCTTCAAAGATGAAAGTGACCGCCTGGGTTGTGAGCTCAGACCTCAGACCCCG
 GAAACTGCAGGAGTGTGGCTTCAACAGCTCCCATCCACTTGTGATGATCATCCACGGGTGGTCCGGTGG
 ATGGCTTGTAGAAACCTGGATCTGGAAGATAGTGGGTGCCCTGAAGTCCCGACAGTCCCAACCCGTGAA
 CGTGGGATTAGTGGACTGGATCTCCCTGGCATAACCAGCACTATGCTATTGCCGTGCGCAACACCCGTGTT
 GTGGGCCAGGAGGTGGCTGCTCTTCTCCTATGGCTGGAGGAATCTATGAAGTTTTCTCGGAGCAAAGTTC
 ACTTAATTGGGTACAGCCTGGGAGCACAGTTCAGGATTCGAGGCAGCTCCATGGGTGGGAAGCGCAA
 GATCGGAAGAATCACAGGCTGGACCTGCAGGACCTATGTTTGAGGGAACCTCCCAACGAGCGCCTT
 TCTCCAGATGATGCCAATTTTGTGGATGCTATTACATACCTTTACCAGGGAGCACATGGGTCTGAGTGTGG
 GCATCAAACAGCCCATTTGCCACTATGACTTCTACCCCAACGGGGGCTCCTTCCAGCCTGGCTGCCACTT
 CCTGGAGCTCTACAAACACATTGCAGAGCATGGCTTAAATGCCATAACCCAGACCATCAAATGTGCCCAT
 GAGCGTCTGTGCACCTTTCATTGACTCCTTGAACACAGCAACCTGCAGAACACAGGCTTCCAGTGCA
 GCAACATGGACAGCTTCAGTCAGGGTCTATGTCTGAACTGCAAGAAGGGCCGTTGCAACAGTCTGGGCTA
 TGACATCCGCAGGGATCGGCCACGCAAGAGCAAGACACTTTCCTCATCACCCGAGCCAGTCCCCCTTC
 AAAGTTTATCATTACCAGTTCAGATCCAGTTCATCAATCAAATGGAGAAGCCAAATAGAGCCTACTTTTA
 CCATGACACTGCTGGGGACAAAAGAAGAAATAAGAAAATTCACATCACCTGGGCGAAGGAATTACCAG
 CAATAAAACCTATTCTTACTTATCACACTGGACAAGACATCGGCGAGTTGATCATGCTCAAGTCAAG
 TGGGAAAACAGCGCAGTGTGGGCAATGTCTGGAACACAGTGCAGACCATAATGCTATGGACACAGAGC
 CTCACTACGCGGCCCTCATTCTGAAGACCATCTGGGTCAAAGCTGGAGAGACGACAGCAAAGAATGACATT
 TTGCCCTGATAATGTGGATGATCTCCAGCTTACCCACCCAGGAGAAAGTCTTCGTGAAATGTGACCTG
 AAGTCAAAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_012597

Insert Size: 1485 bp

OTI Disclaimer: 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).

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_012597.2](#), [NP_036729.2](#)

RefSeq Size: 1742 bp

RefSeq ORF: 1485 bp

Locus ID: 24538

Cytogenetics: 8q24

Gene Summary: enzyme involved in the hydrolysis of phospholipids, triglycerides and acyl CoA thioesters [RGD, Feb 2006]