

Product datasheet for **MC202954**

Lipc (NM_008280) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lipc (NM_008280) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lipc
Synonyms:	AI256194; HL; Hpl
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021841 sequence for NM_008280
 AGGAAAGAAGACCTGGCGAGGTGTTTTATTTCCAAAACCTATCGAGATAAAAAGTGCTTCTGTGGGTCAA
 TCTAGATATTGATAGATTTGGACTGGAGAAGGTAAGAAAGTGTTAAATTCTAGGTAACGTGTTTTAAG
 GTTAATAATTAATGGGGGCCTTCCCCAGCTGAGCACCAAGAAGCACTCTGGTCTCTTTAGTTCTAGACAT
 TAGCAAGAAGACCTCAGACCCAGGTGAGGCCAGAGACATGGGAAATCCCCTCCAATCTCCATTTTCT
 GGTGTTCTGCATCTTTATCCAATCAAGTCTTGTGGACAAGGCGTGGGAACAGAGCCCTTTGGGAGAAGC
 CTTGGAGCTACTGAAGCTAGCAAGCCATTAAGAAGCCAGAGACCAGATTCTGTCTTTCCAAGATGAAA
 ACGATCGCTGGGCTGTGTCTCAGACCTCAGCACCCGAAACACTGCAGGAGTGTGGCTTCAACAGCTC
 TCAGCCGCTTATCATGATCATCCACGGGTGGTCCGGTGGATGGCTTGTAGAAAACGGATCTGGAAGATA
 GTGAGTGCCTGAAGTCCCAGACTCCCAACCTGTGAATGTGGGTTAGTGGACTGGATCTCCCTGGCAT
 ACCAGCACTACACCATTGCTGTTCAAAACACCCGTATTGTGGCCAGGACGTGGCTGCTTCTCTCTATG
 GCTGGAGGAATCTGCGAAGTTTTCTCGGAGCAAAGTTCACCTAATTGGGTACAGCCTGGGAGCGCACGTC
 TCAGGGTTCGCAGGCAGCTCCATGGACGGGAAGAACAAGATTGGAAGAATCACAGGGCTGGACCCTGCGG
 GCCCTATGTTGAGGGAACGTCCCCAACGAGCGCCTTTCTCTGATGATGCCAATTTTGTGGACGCCAT
 TCATACCTTTACCAGGGAGCACATGGGCTTGAGTGTGGGCATCAAGCAGCCCATTTGCCACTATGACTTC
 TACCCCAATGGGGCTCCTTCCAGCCTGGCTGCCACTTCTGAACTCTACAAACACATTGCAGAGCATG
 GCTTAAACGCCATAACCCAGACCATCAAATGTGCCATGAGCGCTCCGTGCACCTTTCATTGACTCCTT
 GCAACACAGTGACCTGCAGAGCATCGGCTTCCAGTGCAGCGACATGGGCAGCTTCAGCCAAGGTCTATGC
 CTGAGCTGCAAGAAGGGCCGTTGCAACACTCTGGGTTATGACATCCGCAAGGACCGGTGAGGCAAGAGCA
 AGAGGCTCTTCTCATCACGCGAGCCAGTCTCCCTTCAAAGTTTATCATTACCAGTTCAAGATCCAGTT
 CATCAATCAAATTGAGAAGCCGGTAGAGCCTACTTTTACCATGTCGCTGCTGGGAACAAAAGAAGAATA
 AAGAGAATTCATCACCTGGGCGAAGGAATTACCAGCAATAAAACCTATTCTTCTTATCACACTGG
 ACAAGACATCGGCGAGTTGATCCTGCTCAAGTCAAGTGGGAAAACAGTGCAGTGTGGCCAATGTGTG
 GAACACAGTGCAGACCATCATGTCTATGGGGCATAGAACCCTCACCACTCTGGCCTCATTCTGAAGACCATC
 TGGGTCAAAGCTGGAGAGACGCAGCAAAGAATGACATTTTGCCTCCGAAAATCTGGATGACCTCCAGCTTC
 ACCCGAGCCAGGAGAAAGTCTTTGTGAAGTGTGAAGTGAAGTCAAAAAGACTGACTGAATCGAAAGAGCA
 GATGAGTCAAGAGACCCATGCAAAAAAATAAAGAAGTCTATTCTTTATCTCTAATGGTTGCCTTATTTGG
 AAGCCAAAATTACACAAAGGATCAATCATGCATCCATTTAAATAAAGTTTGTATGTAAGGAGGGTGTGC
 TTTGCTGTATAAACTAAGCTTTCAAACATAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_008280

Insert Size: 1533 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: [BC021841](#), [AAH21841](#)

RefSeq Size: 1934 bp

RefSeq ORF: 1533 bp

Locus ID: 15450

UniProt ID: [P27656](#)

Cytogenetics: 9 39.57 cM

Gene Summary: Hepatic lipase has the capacity to catalyze hydrolysis of phospholipids, mono-, di-, and triglycerides, and acyl-CoA thioesters. It is an important enzyme in HDL metabolism. Hepatic lipase binds heparin.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longer isoform (1). Variants 1 and 2 encode the same protein (isoform 1).