

Product datasheet for **SC217177**

Lipoprotein lipase (LPL) (NM_000237) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Lipoprotein lipase (LPL) (NM_000237) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LPL
Synonyms:	HDLCQ11; LIPD
ACCN:	NM_000237
Insert Size:	1979 bp



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Insert Sequence:

>SC217177 3'UTR clone of NM_000237

The sequence shown below is from the reference sequence of NM_000237. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GACAAGTCTCTGAATAAGAAGTCAGGC TGA AACTGGGCGAATCTACAGAACAAGAACGGCATGTGAAT
TCTGTGAAGAATGAAGTGGAGGAAGTAAC TTTTACAAAACATACCAGTGT TTTGGGGTGT TTTCAAAAGT
GGATTTTCTGAATATTAATCCCAGCCCTACCCTTGTAGTTATTTTAGGAGACAGTCTCAAGCACTAA
AAAGTGGCTAATTC AATTTATGGGGTATAGTGGCCAAATAGCACATCCTCCAACGTTAAAAGACAGTGG
ATCATGAAAAGTGTCTTTTGCCTTTGAGAAAAGAAATAATTGTTT GAGCGCAGAGTAAAATAAGGCTC
CTTCATGTGGCGTATTGGCCATAGCCTATAATTGTTTAGAACCTCTATTTTAATTGGAATTCTGGAT
CTTTCGGACTGAGGCCTTCTCAA CTTTACTCTAAGTCTCCAAGAATACAGAAAATGCTTTTCCGCGGC
ACGAATCAGACTCATCTACACAGCAGTATGAATGATGTTTTAGAATGATTCCCTCTTGCTATTGGAATG
TGGTCCAGACGTCAACCAGGAACATGTA AACTTGGAGAGGGACGAAGAAAGGGTCTGATAAACACAGAGG
TTTTAAACAGTCCCTACCATTGGCCTGCATCATGACAAAGTTACAAATTC AAGGAGATATAAAATCTAG
ATCAATTAATTCTTAATAGGCTTTATCGTTTATTGCTTAATCCCTCTCTCCCTCTCTTTTGTCTCA
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TTAACATCATCAGGCTTGAATGAATTTCTCTAAAAATAAAATGATGTATGATTTGTTGTTGCCATCC
CCTTTATTAATTCATTAATTTCTGGATTTGGGTGTGACCCAGGGTGCATTAAC TTTAAAAGATTCACT
AAAGCAGCACATAGCACTGGGAACTCTGGCTCCGAAAACTTTGTTATATATCAAGGATGTTCTGGC
TTTACATTTTATTATTAGCTGTA AATACATGTGTGGATGTGTAATGGAGCTTGTACATATTGGAAG
GTCATTGTGGCTATCTGCATTTATAAATGTGTGGTGCTAACTGTATGTGCTTTATCAGTGATGGTCTC
ACAGAGCCAAC TACTCTTATGAAATGGGCTTTAACAAAACAAGAAAGAAACGTA CTTAACTGTGTGAA
GAAATGGAATCAGCTTTTAAATAAATTGACAACATTTTATTACCACA
ACGCGT AAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACC GCCCTTCTATGAAAGG
    
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Restriction Sites:

Sgfl-Mlul

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_000237.3](#)

Summary: LPL encodes lipoprotein lipase, which is expressed in heart, muscle, and adipose tissue. LPL functions as a homodimer, and has the dual functions of triglyceride hydrolase and ligand/bridging factor for receptor-mediated lipoprotein uptake. Severe mutations that cause LPL deficiency result in type I hyperlipoproteinemia, while less extreme mutations in LPL are linked to many disorders of lipoprotein metabolism. [provided by RefSeq, Jul 2008]

Locus ID: 4023

MW: 75.9