

Product datasheet for **SC200764**

LIPT1 (NM_145196) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LIPT1 (NM_145196) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LIPT1
Synonyms:	MGC12290; MGC13378
ACCN:	NM_145196
Insert Size:	140 bp
Insert Sequence:	>SC200764 3'UTR clone of NM_145196 The sequence shown below is from the reference sequence of NM_145196. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTCTGTGAAAAAATTAAGGGAATAATGTGATTCCAAGTAAATGTCTTAATACAGTTTCAATTAGAAAAT AAAATGTCTCATACTTGCACATTGTATGTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
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:	<u>NM_145196.2</u>



[View online »](#)

Summary: The process of transferring lipoic acid to proteins is a two-step process. The first step is the activation of lipoic acid by lipoate-activating enzyme to form lipoyl-AMP. For the second step, the protein encoded by this gene transfers the lipoyl moiety to apoproteins. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 13. Read-through transcription also exists between this gene and the neighboring downstream mitochondrial ribosomal protein L30 (MRPL30) gene. [provided by RefSeq, Mar 2011]

Locus ID: 51601

MW: 5.6