

Product datasheet for **SC200760**

LIPT1 (NM_145197) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LIPT1 (NM_145197) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LIPT1
Synonyms:	LIPT1D
ACCN:	NM_145197
Insert Size:	88 bp
Insert Sequence:	>SC200760 3'UTR clone of NM_145197 The sequence shown below is from the reference sequence of NM_145197. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTCTGTGAAAAAATTAAGGGAATAATGTGATTCCAAGTAAATGTCTTAATACAGTTTCAATTAGAAAAT AAAATGTCTCATACTTGCA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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:	<u>NM_145197.3</u>



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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: 3.4