

## 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
Symbol:	LIPT1
Synonyms:	LIPT1D
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_145197
Insert Size:	88 bp
Insert Sequence:	<p>&gt;SC200760 3'UTR clone of NM_145197</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA<b>ACGATCGCC</b> CTCTGTGAAAAAATTAAGGGAATAATG<b>TGA</b>TTCCAAGTAAATGTCTTAATACAGTTTCAATTAGAAAAAT AAAATGTCTCATACTTGCA <b>ACGCGT</b>AAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG           </pre>
Restriction Sites:	SgfI-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><a href="#">NM_145197.3</a></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