

Product datasheet for **SC307844**

LIPI (NM_198996) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LIPI (NM_198996) Human Untagged Clone
Tag: Tag Free
Symbol: LIPI
Synonyms: CT17; LPDL; mPA-PLA1 beta; PLA1C; PRED5
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_198996 edited
GGTCTTATTTATGTTGCTCAAATGTTTACATAATAACTGTGCCAAAAATATAGTGCTCA
TGCTTTTCAGTTCTCACCCAGAAATGTCCTGTGGCTTCTAGTTGTGTGCCTGAGATCAGA
TAATAAAAGACCATGCCTTGAATTCTCTCAGCTAAGTGTAAAGGATTCCTTCAGAGATTT
ATTTATCCGAGAATAGAGACCATTCTGATGATGTATACAAGGAACAACCTAAACTGTGC
TGAGCCACTGTTTGAACAAAATAACTCACTTAATGTTAATTTCAACACACAAAAGAAAAC
AGTCTGGCTTATTCACGGATACAGACCAGTAGGCTCCATCCCATTATGGCTTCAGAACTT
CGTAAGGATTTTGTGAATGAAGAAGATATGAATGTAATTGTAGTAGACTGGAGCCGGG
TGCTACAACCTTTATTTATAATAGAGCAGTTAAAAACACCAGAAAAGTTGCTGTGAGTTT
GAGTGTGCACATTAATACTTTTGAAGCATGGTGCATCTCTTGACAATTTTCATTTTCAT
AGGTGTGAGCTTAGGGGCTCATATCAGTGGATTTGTTGGAAGATATTTTCATGGTCAACT
TGGAAGAATAACAGGCTTGACCCTGTGGGCCAAGGTTCTCCAGAAAACCACCATATAG
CAGATTAGATTACACGGATGCAAAGTTTGTGGATGTCATCCATTCTGACTCCAATGGTTT
AGGCATTAAGAGCCCTTGGGACATATAGATTTTTATCCAAATGGAGGAAATAAACAAACC
TGGCTGTCCATAAATCAATTTTCTCAGGAATCAATTCATTAATGCAACCACCAGAGAGC
AGTTCACCTGTTTCATGGCATCTTAGAAACAACTGCAATTTTATTTTCATTTCTTGTCG
TTCATACAAGATTACAAGACTAGCTTATGTGTGGACTGTGACTGTTTTAAGGAAAAATC
ATGTCCTCGGCTGGGTTATCAAGCCAAGCTATTTAAAGGTGTTTTAAAGAAAGGATGGA
A: GGAAGACCTCTTAGGACCACTGTGTTTTGGATACAAGTGGTACATATCCATTCTGTA
CCTATTATTTGTTCTCAGTATAAATTGTTCCAGATAAACTATGATGGATGGCTCGTTTT
CATTTAAATTATTAATCAGCTTGAATGATTGAAGAGCCAAGGCTTTATGAAAAGAACA
AACCATTTTATAAATCAAGAGTCAAGATTCTTGCTCAATTTTATAATGACTTTGTAA
ATATTTCAAGCATTGGTTTGCATATTTCCAGAGCTCAAATCTGCAGTGTCCACATGCA
CATACAAGATCCAGAGACTCATGTTAAATCACTTACATACCCAGAAAGACCACCACTTT
GCAGGTATAATATTGACTTAAAGACAGAGAGGAAGTGTTCCTTAATCCAAACACATGTA
CACCAAAGAACACATAA



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Restriction Sites:	Please inquire
ACCN:	NM_198996
Insert Size:	1500 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).
OTI Annotation:	The ORF matches with that of NM_198996.2.
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:	<ol style="list-style-type: none">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:	<u>NM_198996.2</u> , <u>NP_945347.1</u>
RefSeq Size:	1636 bp
RefSeq ORF:	1446 bp
Locus ID:	149998
UniProt ID:	<u>Q6XZB0</u>
Cytogenetics:	21q11.2
Protein Families:	Secreted Protein
Gene Summary:	The protein encoded by this gene is a phospholipase that hydrolyzes phosphatidic acid to produce lysophosphatidic acid. Defects in this gene are a cause of susceptibility to familial hypertriglyceridemia. This gene is also expressed at high levels in Ewing family tumor cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014] Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant fl. The encoded isoform (5) has a distinct N-terminus and is longer than isoform 1.