

Product datasheet for **SC213349**

Perilipin-1 (PLIN1) (NM_001145311) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Perilipin-1 (PLIN1) (NM_001145311) Human 3' UTR Clone
Symbol:	Perilipin-1
Synonyms:	FPLD4; PERI; PLIN
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001145311
Insert Size:	1246 bp



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Insert Sequence: >SC213349 3'UTR clone of NM_001145311
 The sequence shown below is from the reference sequence of NM_001145311. 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
CATTACAGCCAGCTGCGCAAGAAGAGCTGAGTCGCCGACCCAGCCGCCGCCCGGGCCGGCGGGT
CTCTAACAAATAAACAGAACCCGCACTGCCAGGCGAGCGTTGCCACTTCAAAGTGGTCCCTGGGGA
GCTCAGCCTCATCCTGATGATGCTGCCAAGGCGCACTTTTTATTTTTATTTTTATTTTTTTTTTTT
AGCATCTTTTGGGGCTTCACTCTCAGAGCCAGTTTTTAAAGGACACCAGAGCCGCGAGCCTGCTGAT
TCTATGGCTTGGTTGTTACTATAAGAGTAATTGCCTAAGTATTTTTCATCTTTAACAAACTTGT
GGCCAAAAGATATTTGACCGTTTCCAAAATTCAGATTCTGCCTCTGCGGATAAATATTTGCCACGAATG
AGTAACTCCTGTCACCACTCTGAAGTCCAGACAGAAGGTTTTGACACATCTTAGCACTGAACCTCTC
TGTGATCTAGGATGATCTGTTCCCTCTGATGAACATCTCTGATGATCTAGGCTCCAGCAGGCTAC
TTTGAAGGGAACAATCAGATGCAAAAGCTTTGGGTGTTATTTAAAATACTAGTGTCACTTTCTGAGT
ACCCGCCGCTTACAGGCTGAGTCCAGGCTGTGTGCTTTGTAGAGCCAGCTGCTTGCTCACAGCCACA
TTTCCATTTGCATCATTACTGCCTTACCTGCATAGTCACTTTTTGATGCTGGGGAACCAAAATGGTG
ATGATATATAGACTTTATGTATAGCCACAGTTCATCCCAACCCTAGTCTTCGAAATGTTAATTTGA
TAAATCTAGAAAATGCATTACATAAATTACAGAATTCAAATATTGCAAAAGGATGTGTGCTTTCTCCC
CGAGCTCCCCTGTTCCCCTTCAATGAAAACCACCAGGTGCCATCTTTGTGTATGCAGGCTATGCAC
CTGCAGGCACGTGTGTATGCACTCCCGCTTGTGTTACACAAGCTGTGGGTGTACGCATGCCTGCT
TTTTTCACTTAATAACAGCTTGGAGAGATTTTGTATCACATTATAATCCCACTCGCTTTTTTGA
TGCCACATAATAACTACTGCATAATATGGATACGCCTTATTTGATTTAACTAGTTCCTAATGATGGA
CTTTAAGTTGTTCTTTTTTTTTCTTTTTTGTACTGCAAACGATGCTATAATAAATGCCTTATCA
AAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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: [NM_001145311.2](#)

Summary: The protein encoded by this gene coats lipid storage droplets in adipocytes, thereby protecting them until they can be broken down by hormone-sensitive lipase. The encoded protein is the major cAMP-dependent protein kinase substrate in adipocytes and, when unphosphorylated, may play a role in the inhibition of lipolysis. Alternatively spliced transcript variants varying in the 5' UTR, but encoding the same protein, have been found for this gene. [provided by RefSeq, Feb 2009]

Locus ID: 5346

MW: 47.6