

Product datasheet for **SC213348**

Perilipin-1 (PLIN1) (NM_002666) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Perilipin-1 (PLIN1) (NM_002666) Human 3' UTR Clone
Symbol:	Perilipin-1
Synonyms:	FPLD4; PERI; PLIN
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002666
Insert Size:	1246 bp



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Insert Sequence: >SC213348 3'UTR clone of NM_002666
The sequence shown below is from the reference sequence of NM_002666. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CATTACAGCCAGCTGCGCAAGAAGAGCTAGTCGCCCGCACCAGCCGCCGCCGCCGCCGCCGCCGGGCGGGGTTT
CTCTAACAAATAAACAGAACCCGCACTGCCAGGCGAGCGTTGCCACTTTCAAAGTGGTCCCTGGGGA
GCTCAGCCTCATCCTGATGATGCTGCCAAGGCGCACTTTTTATTTTTATTTTTATTTTTATTTTTTTTTT
AGCATCTTTTGGGGCTTCACTCTCAGAGCCAGTTTTTAAGGGACACCAGAGCCGCGAGCCTGCTCTGAT
TCTATGGCTTGGTTGTTACTATAAGAGTAATTGCCTAAGTTGATTTTTCATCTCTTAACCAAATTGT
GGCCAAAAGATATTTGACCGTTTCCAAAATTCAGATTCTGCCTCTGCGGATAAATATTTGCCACGAATG
AGTAAGTCTGTCACTCTGAAGGTCCAGACAGAAGGTTTTGACACATTCTTAGCACTGAAGTCTCTC
TGTGATCTAGGATGATCTGTTCCCTCTGATGAACATCTCTGATGATCTAGGCTCCAGCAGGCTAC
TTTGAAGGGAACAATCAGATGCAAAAGCTCTGGGTGTTATTTAAATCTAGTGTCACTTTCTGAGT
ACCCGCCGCTTCACAGGCTGAGTCCAGGCTGTGTGCTTTGTAGAGCCAGCTGCTTGCTCACAGCCACA
TTTCCATTTGCATCATTACTGCCTTCACCTGCATAGTCACTCTTTGATGCTGGGGAACCAAAATGGTG
ATGATATATAGACTTTATGTATAGCCACAGTTCATCCCAACCTAGTCTTCGAAATGTTAATATTTGA
TAAATCTAGAAAATGCATTACATAAATTACAGAATTCAAATATTGCAAAAGGATGTGTGCTTTCTCCC
CGAGTCCCTGTTCCCTTCATTGAAAACCCACGGTGCCATCTCTTGTGTATGCAGGCTATGCAC
CTGCAGGCACGTGTGTATGCACTCCCGCTTGTGTTACACAAGCTGTGGGTGTACGCATGCCTGCT
TTTTTCACTTAATAATACAGCTTGGAGAGATTTTGTATCACATTATAAATCCCACTCGCTTTTTTGA
TGGCCACATAATAACTACTGCATAATATGGATACGCCTTATTTGATTTAACTAGTTCCTAATGATGGA
CTTTTAAGTTGTTCTTTTTTTTTCTTTTTTGTACTGCAAACGATGCTATAAATATGCCTTATCA
AAAA
ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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: [NM_002666.5](#)

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