

## Product datasheet for **SC210570**

### Perilipin 3 (PLIN3) (NM\_005817) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Perilipin 3 (PLIN3) (NM\_005817) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PLIN3  
**Synonyms:** M6PRBP1; PP17; TIP47  
**ACCN:** NM\_005817  
**Insert Size:** 881 bp  
**Insert Sequence:** >SC210570 3'UTR clone of NM\_005817  
The sequence shown below is from the reference sequence of NM\_005817. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACTGAGAAAGCCCCGGAGGAGAAGAAGTAGGGGGAGAGGAGGACTCAGCGGGCCCCGTCTCTATAAT
GCAGCTGTGCTCTGGAGTCTCAACCCGGGGCTCATTTCAAACCTATTTTCTAGCCACTCCTCCCAGCT
CTTCTGTGCTGTCCACTTGGGAAGCTAAGGCTCTCAAAACGGGCATCACCCAGTTGACCCATCTCTCAG
CCTCTCTGAGCTTGAAGAAGCCTGTTCTGAGCCTCACCCATCAGTCAGTAGAGAGAGATGTCCAGAA
AAAATATCTTTCAGGAAAGTTCTCCCCTGCAGAATTTTTTTTCTTGTAAATATCAGGAATATAGGCC
GGGTGCGGTGGCTCACACCTGTAATCCCAGCACTTTGGGAGGCTGAGGCGGGCGGAACACCTGAGGTCA
GGTGTTCGAGACCAGCCAGGCCAACATGGTGAAACCCCGTCTCTACTAAAAATACAAAAAAAATGAGC
CGGGCATGGTAGCAGGTGTCTGTTATCCCAGTTAGGAGGCTGAGGCAAGAGAATCTTTGAACCTGAGA
GGCGGAGGTTGCAGTGAGCCAAGATCGCGCCATTGCACTCCAGCCTGGGGACAAGAGTGAGACTTAGT
CTCAAAAAAAAAAAAAAAAAAGAAAAAAAAATCAGGGATATAGTTCATATCCCCTTCTTTGTTTACACCGA
TGTCCTGAATATCAGCCTGTAGCTAATGGACTTGGGATTTCTGGTCTAAGTGGGCTCCTGGGGATGG
GGTGGTACACTGAGCTTCTGAGCCTCATTGTAGAGTAGAAAGGTAAGTGGGCTGTGTGGTAAGCCTTG
TTGAAATGCTCTGGTATTGAGTATTGCCTTAATAAACTTCACCCACAACCTGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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).



<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_005817.5</a>
<b>Summary:</b>	Mannose 6-phosphate receptors (MPRs) deliver lysosomal hydrolase from the Golgi to endosomes and then return to the Golgi complex. The protein encoded by this gene interacts with the cytoplasmic domains of both cation-independent and cation-dependent MPRs, and is required for endosome-to-Golgi transport. This protein also binds directly to the GTPase RAB9 (RAB9A), a member of the RAS oncogene family. The interaction with RAB9 has been shown to increase the affinity of this protein for its cargo. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2009]
<b>Locus ID:</b>	10226
<b>MW:</b>	33.1