

Product datasheet for **SC206516**

SIRT7 (NM_016538) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SIRT7 (NM_016538) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SIRT7
Synonyms: SIR2L7
ACCN: NM_016538
Insert Size: 507 bp
Insert Sequence: >SC206516 3'UTR clone of NM_016538
The sequence shown below is from the reference sequence of NM_016538. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAACGCACAAAAAGGAAGAAAGTGACGTAAATCACGTGCTCGATGAAGAACAGTTGGCACTTTGCAGATG
GCCAGTGTACGGTGAAGGCTGGGTTGCCCCACGGGTCTAGGGAGAACGAACTCTTTGGGATGACAT
TTTACCGTGACATTTTTAGCCATTTGTCTTGAGGAAGCCCTTGCACTGCTGCGGTTGTACCCTGAT
ACGGCCTGGCCATCGAGGACACCTGCCCATCCGGCCTCTGTGTCAAGAGGTGGCAGCCGCACCTTTCTG
TGAGAACGGAACCTCGGGTATTTTCAGCCCCGGCCTGCAGAGTGGAAGCGCCAGCGGCCTTTCTCGCT
CACCAGGCCAGTCTCAGGGCCTCACCGTATTTCTACTACTACTTAATGAAAAAGTGTGAACCTTATAGA
ATCCTCTGTACTGGATGTGCGGCAGAGGGTGGCTCCGAGCCTCGGCTCTATGCAGACCTTTTTATT
TCTATTAACGTTTCTGCACTGGC
ACGCGTAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).

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_016538.3](#)



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Summary:

This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class IV of the sirtuin family. [provided by RefSeq, Jul 2008]

Locus ID:

51547

MW:

19.3