

Product datasheet for **SC215987**

SIRT3 (NM_001017524) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SIRT3 (NM_001017524) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SIRT3
Synonyms:	SIR2L3
ACCN:	NM_001017524
Insert Size:	1698 bp



[View online »](#)

Insert Sequence: >SC215987 3'UTR clone of NM_001017524
 The sequence shown below is from the reference sequence of NM_001017524. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACTGGGAAGCTTGATGGACCAGACAAAATAGGATGATGGCTGCCCCACACAATAAATGGTAACATAGGA
GACATCCACATCCCAATTCTGACAAGACCTCATGCCTGAAGACAGCTTGGGCAGGTGAAACCAGAATAT
GTGAAGTGAAGTGGACACCCGAGGCTGCCACTGGAATGTCTTCTCAGGCCATGAGCTGCACTGACTGGTA
GGGCTGTGTTTACAGTCAGGGCCACCCCGTACATATACAAAGGAGCTGCCTGCCTGTTTGTGTGTTG
AACTCTTCACTCTGCTGAAGCTCCTAATGGAAAAAGCTTTCTTCTGACTGTGACCCTCTTGAAGTGAAT
CAGACCAACTGGAATCCAGACCGAGTCTGCTTTCTGTGCCTAGTTGAACGGCAAGCTCGGCATCTGTT
GGTTACAAGATCCAGACTTGGCCGAGCGGTCCCAGCCCTTTCATGTTCCGAAGTGTAGTCTTGAGG
CCCTGGTGCCGCACTTCTAGCATGTTGGTCTCCTTTAGTGGGGCTATTTTTAATGAGAGAAAATCTGTT
CTTCCAGCATGAAATACATTTAGTCTCCTCAAAGGGACTGCAGGTGTTGACATGAGTTGAAAGGGAA
CCCTGGGATACGTGGCGTCCCCTCTATTGGAACAGTCTGAGGACTGAAGGCATTTGTCCCTGGATTAT
TGGAGACGGCCAGCTCCTCCTCTGAAGGTGGTCACTTCTGTTGACTCTCCATACTCAGCCTCTCCT
CCAGAAACAGATCTGTTCCAGAACATCCAGCACTTTCTATCTGGCCTCCTTGTCACACTACGCC
CCCCACCTCGCCAGGGCTTCTCTAGTGACACTGTTAGAGCTAATCTCTGAGACAGGGAAGGCATTAC
TCACTTAAACCAGGCTGAGTCTGGCCACCTGCTGGATTGTGACATAGGAGGTGGAATCCACTGAAC
TGCTACTTCTGCACAGGCTCCTTCTCCTGGGGCTGTACCCAGGCCAGCCCTGATGGCTCACCCGTCA
GGCACCAGCTGCTCCCTCCTGGGCTCTCACCCACCTGCACATCCTCCTTAGCATCACATTACCTGC
GTGTTTTCCCAGACAAAAGCACTTCCCATTCTTGAACCTTGCCTACCCTGGGCTGAGCTGACGGAATA
GATTTAATGACAGTGACTCCCAGGAAGGGGCTCCTGTGACTTTGCGCCTTAATAAGAACAAAAGGTGGA
ATTGGTGACCTAGGAAAAGTGTGAATCTAAAAAGAATGAAGTTAGTTTCTAACCTAGTTAATGTTT
CTTTTTTATTTTTGAGTCTTGCCTGTCACTCAGGGTGGAGTGGGTGTTATGATCTCAGCTCACTGC
AACTTCCGCTCCCGGTTAAGCGATTCTCCTGGGTAGCTGGGATTACAGGTGTGTCCACACACCT
AGCACATGGGCATATTTGTAATAGAGACAAGGTTTTGCTATGTTGGCCAGGCTGGTCTCGAACTCCTGG
CTTCAAGTGATCCACCCACCTCGGCTCCCAAAGTCTGGGATTACAGGCATGAGCCACTGTGCCTGGC
CCCTTTATTTGATAATTTACACATACATTTTTGTCCAAAACCTCTCTTTATTTCAAGATGATGTTTCTG
TGCTATGTGTGGTATGTGGTATAAATCTCAATCTATGGTCA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCCGCGCTTCTATGAAAGG
  
```

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_001017524.3](#)

Summary: SIRT3 encodes a member of the sirtuin family of class III histone deacetylases, homologs to the yeast Sir2 protein. The encoded protein is found exclusively in mitochondria, where it can eliminate reactive oxygen species, inhibit apoptosis, and prevent the formation of cancer cells. SIRT3 has far-reaching effects on nuclear gene expression, cancer, cardiovascular disease, neuroprotection, aging, and metabolic control. [provided by RefSeq, May 2019]

Locus ID: 23410

MW: 63.6