

## Product datasheet for **SC208157**

### SIRT2 (NM\_030593) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SIRT2 (NM_030593) Human 3' UTR Clone
Symbol:	SIRT2
Synonyms:	SIR2; SIR2L; SIR2L2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_030593
Insert Size:	625 bp
Insert Sequence:	>SC208157 3'UTR clone of NM_030593 The sequence shown below is from the reference sequence of NM_030593. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGGACAACAGAGAGGGAGAAACCCAGTGACAGCTGCATCTCCAGGCGGGATGCCGAGCTCCTCAGGG
ACAGCTGAGCCCCAACCGGGCTGGCCCCCTTAACCAGCAGTCTTGCTGGGGAGCTCAGAACATC
CCCCAATCTCTTACAGCTCCCTCCCAAACTGGGGTCCCAGCAACCCTGGCCCCAACCCAGCAAAT
CTCTAACACCTCCTAGAGCCAAGGCTTAACAGGCATCTCTACCAGCCCCTGTCTCTAACACTCC
TGGGCTAAGGAGTAACCTCCCTCATCTCTAACTGCCCCACGGGGCCAGGGCTACCCAGAACTTTTAA
CTTTCCAGGACAGGGAGCTTCGGGCCCCACTCTGTCTCTGCCCCGGGGGCTGTGGCTAAGTAAA
CCATACCTAACCTACCCAGTGTGGGTGTGGGCCTCTGAATATAACCCACACCCAGCGTAGGGGGAGTC
TGAGCCGGGAGGGCTCCCGAGTCTTGCCTTACAGTCCCAAAGTGGGTGGTGGGCCCCCTTACGTGGG
ACCCACTCCCATGCTGGATGGGCAGAAGACATTGCTTATTGGAGACAAATAAAAACAAAAACAATA
ACAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).



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<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_030593.3</a>
<b>Summary:</b>	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 I of the sirtuin family. Several transcript variants are resulted from alternative splicing of this gene. [provided by RefSeq, Jul 2010]
<b>Locus ID:</b>	22933
<b>MW:</b>	21.9