

Product datasheet for **SC207858**

SIRT2 (NM_012237) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SIRT2 (NM_012237) Human 3' UTR Clone
Symbol:	SIRT2
Synonyms:	SIR2; SIR2L; SIR2L2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_012237
Insert Size:	625 bp
Insert Sequence:	>SC207858 3'UTR clone of NM_012237 The sequence shown below is from the reference sequence of NM_012237. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGGACAACAGAGAGGGAGAAACCCAGTGACAGCTGCATCTCCAGGCGGGATGCCGAGCTCCTCAGGG
ACAGCTGAGCCCCAACCGGGCTGGCCCCCTTAACCAGCAGTCTTGCTGGGGAGCTCAGAACATC
CCCCAATCTCTTACAGCTCCCTCCCAAACTGGGGTCCCAGCAACCCTGGCCCCAACCCAGCAAAT
CTCTAACACCTCCTAGAGCCAAGGCTTAAACAGGCATCTCTACCAGCCCCTGTCTCTAACACTCC
TGGGCTAAGGAGTAACCTCCCTCATCTCTAACTGCCCCACGGGGCCAGGGCTACCCAGAACTTTTAA
CTCTTCCAGGACAGGGAGCTTCGGGCCCCACTCTGTCTCTGCCCCGGGGGCTGTGGCTAAGTAAA
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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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_012237.4
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 I of the sirtuin family. Several transcript variants are resulted from alternative splicing of this gene. [provided by RefSeq, Jul 2010]
Locus ID:	22933
MW:	21.9