

Product datasheet for **SC202362**

SIRT4 (NM_012240) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SIRT4 (NM_012240) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SIRT4
Synonyms:	SIR2L4
ACCN:	NM_012240
Insert Size:	243 bp
Insert Sequence:	>SC202362 3'UTR clone of NM_012240 The sequence shown below is from the reference sequence of NM_012240. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAGTTGCTGCCTTTGATAGACCCATGCTGACACAGCCTGATATTCCAGAACCTGGAACAGGGACTTTC ACTTGAATCTTGCTGCTAAATGTAATGCCTTCTCAAATGACAGATTCCAGTTCCATTCAACAGAGTA GGGTGCACTGACAAAGTATAGAAGTTCTAGGTATCTTAATGTGTGGATATTCTTAATTAATAACTCATT TTTTTAAATAAAAAATTGTTTCAGCTTTATATGAAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u>NM_012240.3</u>



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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:

23409

MW:

9.2