

Product datasheet for **SC213425**

SIRT5 (NM_031244) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SIRT5 (NM_031244) Human 3' UTR Clone
Symbol:	SIRT5
Synonyms:	SIR2L5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_031244
Insert Size:	1266 bp



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Insert Sequence: >SC213425 3'UTR clone of NM_031244
 The sequence shown below is from the reference sequence of NM_031244. 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
ATCTCATCTCTAATTATTATAAAGAATTAACAAGTCATCATTGTAGAAAAGCAAGAAAATGCAGATA
GAGAAAAAGAAGAAAATAAACTGGAGTATTTCCACAACCAAGTTTAGAGTTGGCCCCACCTCCCAT
GCCATGGACTGAGCAGCAGGGGCCAGCATCCCTTGGATATGGTGGCTGTGTCTTCATGTGAAAGAAAC
TGAACCTGGTGGTTTTCTGCCAGTTCAGGAGAGATTCTTGGCATGTAATATATCACTGCTCAAGT
CAAGCCTCTAAAACCACAGACCTGTTTCAGCTGCTACTTCAGCCAAAATCTTCAGCTTCATATTGTC
TTGAAAACCTATGATTGTCTCTAACAAACAGGCTACTTGTAGTATAGAAATCTTATCAATTTGGCAAG
CTACTTATCAACCAGACTGACCACAAGAACTGTCATCTCATCAATGAAGGAGTAAGTATCAATGAAGC
CAGCAATGCTTTTTCTTGGCATCATCAAAGCTGACATTTAGAAGAGATGCTGGTATAGTCATCTCAT
CCTACTCAATTTTTCAAAGGCAGAAACCAACCCTGGAGCAATTGAGAGGACTGTTTAAACACAGAGCTT
AACAAATGGCAGAATTGTATATCTCGTGCTTAACAGATTTGGTTGAACTTACCCTAGGTGAGGGTCA
GCAAACTACTGCCTGTGGGCCAAATTTGCCACCACCTGTATCTGTAAATAAGGTTTCATTGGAACACA
GCTGTGGCCATATGTTTGTATATTGTGTGGCTGCTTTTGCATTAGGATGACAGAGGTGAATAGTTGC
AACAGAGACTGGCTGGTCTGCAAAGCCTAAAATATGTCCTGTGTGGCCCTTACAGAAAAAGTTTTCTA
ACCCCTGCTCTAGGTTACGGAGAAAAAAAATGGAATAATGTTCTCTGCTACTTTAACCTGATTTTC
TTTGTACCTAAATAGGCAGCTAGAATGCTGCCTATATTTAATAAGGATTTGGATCTCACAAAGACACC
TTAGGCCTTACACAAGTTGTTTCAGATTCTTTGCCCCAGTTCTAATCTAGTGACAAAGGCATAGAATTCT
CCTCCACAGGAATGTATTCTATTTTCAAGGTGTTAATTAGTTCAGTTTTGGTTTTGTGTTTTCCC
CATGTCCGATGCTTATATTGGATGATTTCTGATAAACCCCTGACTATTCCAATAAACCCCTAGGCATTTT
GAATTTAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).

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_031244.3](#)

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 III of the sirtuin family. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2010]

Locus ID: 23408

MW: 48.7