

Product datasheet for **SC203682**

SESN3 (NM_144665) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SESN3 (NM_144665) Human 3' UTR Clone
Symbol:	SESN3
Synonyms:	SEST3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_144665
Insert Size:	2000 bp



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Insert Sequence: >SC203682 3'UTR clone of NM_144665
 The sequence shown below is from the reference sequence of NM_144665. 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
CTTCGTGCCATAACTCGGCATTTGACCTGAAGTATCACCCAAGGAAAATGCATACATGTGTAAAGACC
TTTCACATAAGATAAACATTGAAGCTATTTGTGATATAGCATCAAAAATTATTCAGTTCTCTAGTGTCA
AAGTTTAGCCGTTTGTTTTTTTTTTTTTTTTTTTTTGCGGCTGTAATGTGCAATGATGTGTTTTATTTTC
CTTGATGCTTAACACTTAACAATTGCAAAAATAATACTGAGGAGCACTACTTTGCATTGTTTGTAGT
TGGAGTTTGGATACTGATCATAAATCATGAATCTGGCGTATTAATGCTTAACCTCAGCGCCTTTGGGT
TGTGTGTATGTGATTTTTCTCCCCCACCCTTTTTTTTTTTAAGAATAAGGACAAGTGCTTAC
AATCTGCTCAAGCAATTGTTTTTCAGATATTGGAATTCAGCAAAGAGTGACCTCTCTGGCCATTCTAAA
ACTTTAATGTTGTCTAAATCTGGTGGAGGAAAAGCATGCGCTGTTGAACCAAGCTGCTCACTGGAC
ACATATTTGTGTCCCCAGGAGATATTTTGCAGGCACTGTTTTTATTTGTTTGTGTTGTTATTTATTTG
TTGTTTTACTGCTATTGGCGATAACATGAAATGTGATACAGCTATTGCCATAATTTAATGTGAAATTA
ATCATGATGAATTCTATAGCATGCTACTGAAATGCCAAATTCAGCTATTTTCTTTCTCTTAAAATGG
AAGTTTCAGTTTTCCATATCAGATGTATATAAGTGAATATAACACAATCCTATCACTGACAGTAATC
CTCAGTCACCTTAAATAATCAGTGCTCAGAGTGTGCTTACAGTTCATTTAGTTGGCACATATAAACCT
GTACCCACACAAGACTGACCAAAAATTTCTTTGCACATTTTTCTTTCTCATAGTTTTTTCTATATT
TCGTTAAGCAAAGGAAGGTTAATATGCCTATTTTTCTGTTAGGCTTTTAGAAATATTTTCCATGACT
TTTGTCTTATAATAGGTTAGACAGTTTTATTTTTCAAAGGTAAAAATTTGTTTCTATGCATTAATGTG
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CTGCAAAAAGTGTCTTTTAAACAGAGCCATAAAGAAAATTTTTTCAAATTTCTTTATTGCACAGGCTTT
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ACATTTTTGCATTGGTTTACGTTGCTTGATTAGACTATCTTCAGAGAGCACATTATGTGTTTATAGCTT
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ACTGCACTGCTTTTTAAACACTTTTTGGTTAGTTAAGGGTGACTTGAATTGTACACATACATGCTAATT
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TTTCATTTTAGACTTACTTGTGATATAAGATTTAACTTTTCTTTTGTGAAAGAATCGTGAAGTAGTGT
TCATGAAATCATTTTCTCTTCCATTTATCATCTCTCTGTTACAATATATTGGGTTGCTTTCTTTTA
GATTTTGTTCAGATAGGAAAACAAATATGACTGTATACTTATTAACATAAGGTAGTTCTGCATTTTTG
GATTCAGGATCCTGTTTGAATCTTCCATGTGAGGAAAAAATTAATAATTTTTAAAGACAGGGTGG
TTTATTTAAAGAGATTATTCAGAGAAGTGTGCCATATCTCGTCTGTTTTATTGCATATGCCATATGT
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_144665.4](#)

Summary: This gene encodes a member of the sestrin family of stress-induced proteins. The encoded protein reduces the levels of intracellular reactive oxygen species induced by activated Ras downstream of RAC-alpha serine/threonine-protein kinase (Akt) and FoxO transcription factor. The protein is required for normal regulation of blood glucose, insulin resistance and plays a role in lipid storage in obesity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2012]

Locus ID: 143686

MW: 77.9