

Product datasheet for **SC203480**

Spermidine synthase (SRM) (NM_003132) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Spermidine synthase (SRM) (NM_003132) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SRM
Synonyms:	PAPT; SPDSY; SPS1; SRML1
ACCN:	NM_003132
Insert Size:	306 bp
Insert Sequence:	>SC203480 3'UTR clone of NM_003132 The sequence shown below is from the reference sequence of NM_003132. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCCCGCAAGGCCCTGAATGATGTGAGCTGAGGCCAGGCCGCCACCACTGATGCCACCCAGGACCTCGGAC CTTGGAGCCTGCGGGGTGCCTCGGCCCTCCAGCCCCGGGCCGACCTCCTGCTGGCTCTCGCCACCA ACCAAGTGTACAAAGCCCCAGAATGCTGCCCGGCCTGCCCTGCTGGCGGACTGTCTGTGTGTCTGTCT CTCTGGCGTTCCACCTCCAAGCCTATACAGCTGTGTACAGCGCCATCTCTCTGCCTTCTGTTGCCCT CACTACCAAACACGTGTATTTATAGCAA ACGCGT AAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u>NM_003132.3</u>



[View online »](#)

Summary: The polyamines putrescine, spermine, and spermidine are ubiquitous polycationic mediators of cell growth and differentiation. Spermidine synthase is one of four enzymes in the polyamine-biosynthetic pathway and carries out the final step of spermidine biosynthesis. This enzyme catalyzes the conversion of putrescine to spermidine using decarboxylated S-adenosylmethionine as the cofactor. [provided by RefSeq, Jul 2008]

Locus ID: 6723

MW: 10.6