OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC206944

Spermine synthase (SMS) (NM_004595) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: Spermine synthase (SMS) (NM_004595) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: SMS

Synonyms: MRSR; SPMSY; SpS; SRS

ACCN: NM_004595

Insert Size: 516 bp

Insert Sequence:

>SC206944 3'UTR clone of NM_004595
The sequence shown below is from the reference sequence of NM_004595. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TACACTGTTTGGAAGAAAGCTAAACCCTGAAGATCAGTAGCCCCTAATCACATGTGCTGCAAATAGCCT
TCCTGACCTCCATATGCTGTACATGACATCAAAATGAGTCAGGCAATTGATTGTGAATTCCTTAAAGTT
TTCCTTTTTTTAATAATTATTTTTAATTTAAAAAAGCAAATGGAAAATGTATATTTTGATGAGCTTAGG
GTGTTTTTTTTTTGAAAGTCAGCTGAAGGATGGTTAGACAGCACAGCGAAGACTGCTAAATGCACTGAC
CCCCCCCATTAGAATGTGATTTTTGTTCCTTTTTATTTCTCTGTGGGCTTTTGTTTTTGTTTTTGTTTT
GGTAGATCTTCAATTTGGATATTTGGAGGAGTGAACATCGTTGTTTTGCTGGAGGGAAGATCTTGATGG
TGTTTCTTTCCCCAAAAATTGACTTAGATATTAAAATTTGGTGCTTATAAGAGAGAGTTAAAAAAAAAT
AGGATTGCTTCAATTAAAATTACAAAAGAGACA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_004595.5

View online »

Summary: This gene encodes a protein belonging to the spermidine/spermin synthase family and catalyzes the production of spermine from spermidine. Pseudogenes of this gene are located on chromosomes 1, 5, 6 and X. Mutations in this gene cause an X-linked intellectual disability called Snyder-Robinson Syndrome (SRS). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2017]

Locus ID: 6611

MW: 20