

## Product datasheet for **SC127946**

### SRMS (NM\_080823) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SRMS (NM_080823) Human Untagged Clone
Tag:	Tag Free
Symbol:	SRMS
Synonyms:	C20orf148; dj697K14.1; PTK70; SRM
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_080823 edited  
 ATGGAGCCGTTCCCTCAGGAGCGGCTGGCCTTCCTGTCTTCTTCTGGGACAAGATCTGG  
 CCGGCGGGCGGCGAGCCGACCATGGCACCCCGGGTCCCTGGACCCCAACTGACCCA  
 GTGCCACGCTCCCCCGGAGCCTTGCAGCCCTTCCCTCAGCTTTCCTTGCCTCTAT  
 GACTTCACGGCGCGGTGTGGCGGGAGCTGAGTGTCCGCCGCGGGACAGGCTCTGTGCC  
 CTCGAAGAGGGGGCGGCTACATCTTCGCACGAGGCTTTCGGGCCAGCCAGCGCGGG  
 CTCGTGCCATCACCCACGTGGCCAAGGCTTCTCCTGAGACGCTCTCAGACCAACCTGG  
 TACTTTAGCGGGTCAAGTCCGACCCAGGCACAGCAGCTGCTCCTCCCCACCAACGAA  
 CCAGGGGCTTCTCATCCGGCCAGCGAGAGCAGCCTCGGGGGTACTACTGTCAGTC  
 CGGGCGCAGGCCAAGGTCTGCCACTACCGGGTCTCCATGGCAGCTGATGGCAGCCTAC  
 CTGCAGAAGGGACGGCTTTCCCGGCTGGAGGAGCTGCTCACCTACTACAAGGCCAAC  
 TGGAAAGCTGATCCAGAACCCCTGCTGCAGCCCTGCATGCCCCAGAAGGCCCCGAGGCAG  
 GACGTGTGGGAGCGGCCACACTCCGAGTTCGCCCTTGGGAGGAAGCTGGGTGAAGCTAC  
 TTTGGGGAGGTGTGGAAAGGCTGTGGCTGGGCTCCCTGCCCGTGGCGATCAAGTTCATC  
 AAGTCAGCCAACATGAAGTCACTGACCTCGCCAAGGAGATCCAGACACTGAAGGGCCTG  
 CGGCACGAGCGGCTCATCCGGCTGCACGCAGTGTGCTCGGGCGGGAGCCTGTGTACATC  
 GTCACGGAACATGCGCAAGGGGAACCTGCAGGCCTTCTGGGCACCCCGAGGGCCGG  
 GCCCTGCGTCTGCCGCCACTCCTGGGCTTTGCCTGCCAGTGGCTGAGGGCATGAGCTAC  
 CTGGAGGAGCAGCGCTTGTGCACCGGGACTTGGCCGCCGGAACGTGCTCGTGGACGAC  
 GGCTGGCTGCAAGGTGGCTGACTTCGGCTGGCCCGGCTGCTCAAGGACGACATCTAC  
 TCCCCGAGCAGCTCCAAGATCCCGGTCAAGTGGACAGCGCCTGAGGCGGCCAATTAT  
 CGTGTCTTCTCCAGAAGTCAAGCTGCTGGTCTTTCGGCGTCTGCTGCACGAGGTTTTT  
 ACCTATGGCCAGTGTCCCTATGAAGGATGACCAACCACGAGACGCTGCAGCAGATCATG  
 CGAGGGTACCGGCTGCCGCGCCGGCTGCCTGCCGCGGAGGTACTACGTGCTCATGCTG  
 GAGTGTGGAGGAGCAGCCCGAGGAACGGCCCTCCTTTGCCACGCTGCGGGAGAAGCTG  
 CAGCCATCCACAGATGCCACCCCTGAGTCTCACGTGACCCAACGCTCTGGGCTCCAGC  
 CAGGCCAGCCCTCCTCCTGCAGAGCGCAACTCGAAGGGATGCCGGTCTGCCGACCG



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AGGAGCCTCTGGCTGTGGGCTCAGGCCCTGGCGTGCACACATGTTCTGTCACCAGGCAG  
ACGTGCAGACGGAGGGCTGGGGCTGACGTCCCCCGTGCAGTGTGACTCGTGCAGACGGAG  
GGCTGGGGCTGACGTCCCCATGCAGTGTGACTCGTGCAGACGAAGGGCTGGGGCTGACG  
TTCCCCGTGCAGTGTGACTCGTGCAGACGGAGGGCTGGGGCTGACGTTCCCCGTGCAGTG  
TGACACGTGTCCCTGGCCTCTCAAGAGAGACAACGGCACAGGAGGGTGGGTAGAAGCCTC  
GGAGCTCTGGGTGAGGAACCTGAGCCCTGTGTGTCTCCTGCCCTGGGTCCCCTGGACTG  
CCTCCCAGGGTGAAGAGCCAAAGGCCAGTTCTCTCCCTAGTCCCAGCTTGGGTTTGTGG  
AAATGACCAGTGTGACTCCCAGGCAGACCGTGGTGTGACCCCACTGGATGTGTGGTAT  
GTAGGCACGGGGTGGCACCGTCACTGCCCTCACAGACACACTGGCGGCTGTGCACAA  
ACCCACTCACGCACACAGCACTCAGTAAGCCGGGACTGACCCACTCAGACACGCACACAG  
GCGCACATCACACACAGGCTCAGCCCCCAAACCCAGACCCAGGAGCTGGAGCGTACGGG  
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ATCTCCCTGGGTGGTTCAGGTGGCACAGGAAGGGTGGGCCGGGAGGCTTGGTGACCTG  
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AGGAGGGGGCAGGGATGTGCAGGGTCCGCCCTCGTCTCCCACTGCTGGCTCAGGGAAGC  
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GGCCCCGGAGACCCTGCCCCCAACCCTCTGGGAGCCAGGTTGGCAGCTGTGCCCAGA  
AGGCTTTGGGGCAGAAAGTTTGGAGACAAGTTCAGGCCTGACTGAGTCTTGTCCCCT  
AGAGTTGGGGTCAGCTCTGTACCTGCTGAGCCGAAGTGTGATGGCTGCCGTCCACAGGC  
CCCGGCCAAAGCCTGGCTCAGGAGGGAGCTAAGAGATGAGACTCCCGTGTGCAGAGACAG  
GTGGCCCCGGGAAGGAAGAGGCCACTCGGAGGCTCCGAGAACGGAGGCAGCGCGGGGGC  
TTCTGGGGCCCTGCATCGGAGGAACAAGGCCAAGCGGAGGGAAGCAGCAGGAACCAGG  
ACCCCTGCAGATGGTGGAGGCAAGAGGCTTTATCTGAGCCTTTGGGACCCTGGCCACCTG  
CCCAGCTCCATCTGCATGGGAGAACCTAGGGGAGGGGCTGGTTCTGGTACCTGGGCCAC  
TGAGGCCCTTGGCTGAGTTCAGTTCTGGCAGGTCCCCAGCACAGCAGCCTGGGGGCTC  
CTCTGGCACAGAAGGCCTCGCCCTCTGTGCTCTCTGCAGCCGCACTGGGATTAAGGGGA  
CCAGGTGTGTCTGTGGCACCTGTGCCCTCTAGGCATCTCGCCAGCCACCAGCTGAACAG  
GTTTGGTGTCTCTGGGTATCTGGGAGGGGCTGGGGACGTTCTCTGCCTCCTGGTGTGGCTT  
AGACTGAAAGTCTGCAGTCCGAACCTCAGGGATCTCGAGGCTTCTGGACATAGACTC  
ACGGGCCCAGAGTCTGGCCGGGCTCTGAGGGACGCTGCCCGGCCAGGTGCCCCGGCACCC  
TCTTCCGCATTTCCCAACCCCAACCCTCCCCCTGCATCTCCCAACCGACCCAGAC  
AGAGCTGGGAGGGCTGAGGGACTGCCAGGCCGGCACCCCGTGCCTTCCCACT  
TGGTCAGCGCTGAGCTGGGCTGCCAGAAATCTATGAGCCTGTTAAATAATCCAGATTAT  
TGTTCTTAATCTCAAAACAATGAGTGGAAGTGCCATTATTTCTTTGCAATAAAAAATA  
AAAGTTGAAATACAAAAAAAAAAAAAAAAAAAA

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_080823 unedited            NNNNNNNNGGGGCGGTTCAAATTTGTATACGACTCATATAGGCGGCCGTCGATTCTGGAC            CCGTTCCTCAGGAGCGGCTGGCCTTCTGTCTTCTTCTGGGACAAGATCTGGCCGGCGG            GCGGCGAGCCGGACCATGGCACCCCGGGTCCCTGGACCCCAACTGACCCAGTGCCCA            CGCTCCCCGCGAGCCTTGCAGCCCTTCCCTCAGCTTCTCTTGGCCTCTATGACTTCA            CGGGCGGTGTGGCGGGGAGCTGAGTGTCCGCCGCGGGACAGGCTCTGTGCCCTCGAAG            AGGGGGCGGCTACATCTTCGCACGCAGGCTTTCGGGCCAGCCAGCGCCGGGCTCGTGC            CCATCACCCACGTGGCCAAGGCTTCTCCTGAGACGCTCTCAGACCAACCCTGGTACTTTA            GCGGGGTGAGTCGGACCCAGGCACAGCAGCTGCTCCTCTCCCCACCAACGAACCAGGGG            CCTTCTCATCCGGCCAGCGAGAGCAGCCTCGGGGGCTACTCACTGTCAGTCCGGGCGC            AGGCCAAGGTCTGCCACTACCGGGTCTCCATGGCAGCTGATGGCAGCCTTACCTGCAGA            AGGGACGGCTCTTCCCGGCTGGAGGAGCTGCTCACCTACTACAAGGCCAACTGGAAGC            TGATCCAGAACCCCTGCTGCAGCCCTGCATGCCCCAGAAGGCCCGAGGCAGGACGTGT            GGGAGCGGCCACACTCCGAGTTCGCCCTTGGGAGGAAGCTGGGTGAAGGCTACTTTGGG            AGGTGTGGGAAGGCTGTGGCT</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' genomic read for NM_080823 unedited            GGTACAGGATGCCACCCGGGATCTGTTACAGAAAAGCTATGACCGCGGCCGAATCTAG            AGTCGAGTTTTTTTTTTTTTTTTTTTGTATTTCACTTTTATTTTATTGCAAAGAGAAAT            AATGGCACCTTCCACTCATTGTTTTGAGATTAAGAACAATAATCTGGATTATTTAACAGG            CTCATAGATTTCTGGGCAGCCCAGCTCAGCGCTGACCAAGGTGGGGAGGGGCAGCGGGT            GCCGGCTGGGCAGTGTCCCTCAGGCCCTCCAGCTCTGTCTGGGGTGGTTGGGGAGGA            TGCAGGGGGAGGGGTGGGGGGTGGGGA</p>
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_080823
<b>Insert Size:</b>	3800 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_080823.2, NP_543013.1</a></u>
<b>RefSeq Size:</b>	1516 bp
<b>RefSeq ORF:</b>	1467 bp
<b>Locus ID:</b>	6725

**UniProt ID:** [Q9H3Y6](#)

**Cytogenetics:** 20q13.33

**Protein Families:** Druggable Genome, Protein Kinase

**Gene Summary:** Non-receptor tyrosine-protein kinase which phosphorylates DOK1 on tyrosine residues (PubMed:23822091). Also phosphorylates KHDRBS1/SAM68 and VIM on tyrosine residues (PubMed:29496907). Phosphorylation of KHDRBS1 is EGF-dependent (PubMed:29496907). [UniProtKB/Swiss-Prot Function]