

Product datasheet for **MC220785**

Srrm1 (BC094322) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srrm1 (BC094322) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Srrm1
Synonyms:	POP101, Srm160
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC094322
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACGCGGGATTCTTCCGCGGAACAAGTGGGAGCAGGATAATCGGTTGAGCAACAAACAGAAGAAAC
 TCCTCAAGCAGCTGAAATTTGCAGAATGCTTAGAAAAAAGGTGGACATGAGCAAAGTAAATTTGGAGGT
 TATAAAGCCTTGGATAACCAAAAGAGTAACTGAGATCCTTGGATTGCAAGATGATGTTGTATTGAGTTT
 ATATTCACCAGCTGGAAGTGAAGAACCAGATTCCAAAATGATGCAAATCAACCTGACTGGGTTTTTGA
 ATGGGAAGAAATGCTAGAGAATTCATGGGAGAGCTGTGGCCCTGCTGTTGAGTGCACAAGAAAATATCGC
 CGGAATCCCTTCTGCTTCTAGAGTTGAAGAAGGAAGAGATAAAGCAGAGACAAATTGAACAAGAAAA
 TTGGCGTCTCTGAAAAACAAGATGAAGATAAAGATAAAGAGGATAAGGAAGAAAAGGAAAGCAGCAGAG
 AGAAGAGGGAGCGGTCTCGCAGCCCAAGAAGACGCAAATCCAGATCTCCTTCCCCTAGAAGACGATCTTC
 CCCTGTCAGGAGAGAGAAAAGCGCAGTCACTCTCGATCTCCCCGTACAGAACCAAGAGCCGGAGCCCT
 TCCCCTGCCCCAGAAAAGAGGAGAAATCTCCAGAGCTCCCAGAGCCATCCGTGAGGATGAAGGACTCCT
 CAGTACAGGAGGCCACCTCTACAAGTGACATCTTGAAAGCTCCCAAGCCTGAGCCTGTACCAGAGCCCAA
 AGAACCGTCTCCAGAAAAAATCCAAAAGGAAAAGGAAAAGACTCGACCAAGATCTCGGTACAGATCC
 AAATCTCGGTCTCGGACCCGATCTCGATCACCTTCTCATACTAGACCAAGACGGAGACATAGATCCCGAT
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 AAGACGGATGCCTCCTCCACCAAGGCACCGGAGGAGTAGGTCTCCAGGGAGACGAAGGAGCGGTTCTTCC
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 AGAGACATCCAGCCCTCTCGAAAACGCGTAGGTTATCACCTCAGCAAGTCTCCACGGCAGAGACA
 CCGGCCGTATCTCCAGCAACTCCGCCACCCAAAACCTCGCCATTCCCAACTCCCAGCAGTCAAACCGT
 ACAAGAAAAAGTCGTGTTTCTGTGTCTCCAGGAAGAACCTCCGGTAAAGTGACAAAAACATAAAGGTA
 AGAAAAGAGAGTACCTTCTCCAGCACCAAGCCTAGAAAAGTGGAGCTGTCTGAGTCTGAAGAAGACAA
 AGGCAGCAAAATGGCTGCAGTGATTCTGTGCAGCAGAGAAGACAATACCGACGGCAGAACCAGCAGTCT
 TCATCTGACTCTGGCTCCTTCCACCTCAGAAGATGAGCGGCCAAGAGATCCCATGTAAGAAGCGGTG
 AGGTAGGCAGGCGCGGAGACATTCCTTCTCGGAGTGCCTCTCCATCACCTCGAAAGCGCCAGAAAGA
 GACTTCCCCTCGGATGCAGATGGGAAAGCGATGGCAGTACCAGTACTAAAAGTAGTAGAAGGAGGAGA
 AGTCCCTCTCCCCTCCTGCCAGAAGGCGAAGGTCTCCTTCTCCAGCCCTCCGCCCCACCTCCCCTC
 CTCTCTCGGGCGGCAGATCTCCACCCACCACGACGAAGGACCCCTTCTCTCCCCACGCCG
 CCGCTCACCGTCTCCAAGAAGATACTCTCTCCATTGAGGAGATACTCTCTTCCCCCTCCAAAG
 AGGAGAACCGCTCCCCCGCCCGCCCAAGCGAAGGGCATACCATCTCCACCACCAAGCGCCGGG
 TCTCCACTCTCCACCTCCTAAACAAAGAAGCCCCACAGTACCAAGAGACGCTCGCCCTCCTTATCTTC
 AAAACATAGGAAAGGGTCTTCCCAGGCCGATCCACCCGGGAGGCCCGCTCACCACAACCAAAACAAACGG
 CATTGCGCCTCACCACGGCTCGGGTCTCAGACCTCAAGCCCTCCCCTGTACGAAGAGGAGCTTCAG
 CGTACCCCAAGGAAGGCAGTCCCATCTCCAAGTACTAGGCCTATTAGGAGAGTCTCCAGGACCCCGGA
 GCCAAAAAAGATAAAAAAGGCTGCCTACCAAGCCCTCAGTCCGTAAGAAGGGTTTCATCTTCCAGATCTG
 TCTCTGGATCTCTGAGCCAGCAGCTAAAAAGCCGCCAGCACCTCCCTCTCTGTGCAGTCTCAGTACC
 CTCCACAAAAGTGGTACCTGCAGTACCAGCAAAAAGGCTAAGAGCCCAACACCAAGCCTGTCCCCTGCC
 CGGAATTTCTGATCAAGAAGGAGTGGGAAGAAAAAGAAAGAAAGGACAAGAAACACAAGAAGGATA
 AGAAACACAAGAAGCACAAAAACACAAGAAGGAGAAAGGCTGTGACCATAGCCACCCAGCTACTGCAGC
 CCCTGCAGCTGTTTCTGTGCCACCACCATCAGCACAGGAAGAGCCTGCAGCAGCACCAGAGCCAGG
 AAGGAGACTGAGAGTGAAGCTGAAGATGACAACCTTGATGACCTAGAGAGGCACCTGCGGGAGAAGGCC
 TGCGGTCCATGCGGAAGGCTCAAGTGTCCACAGTCTAA

AG**GACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATA
 TCCTGGATTACAAGGATGACGACGATAAGGTTAA

Restriction Sites: Sgfl-RsrII

ACCN:	BC094322
Insert Size:	2841 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	BC094322 , AAH94322
RefSeq Size:	3112 bp
RefSeq ORF:	2840 bp
Locus ID:	51796
Cytogenetics:	4 D3
Gene Summary:	<p>Part of pre- and post-splicing multiprotein mRNP complexes. Involved in numerous pre-mRNA processing events. Promotes constitutive and exonic splicing enhancer (ESE)-dependent splicing activation by bridging together sequence-specific (SR family proteins, SFRS4, SFRS5 and TRA2B/SFRS10) and basal snRNP (SNRP70 and SNRPA1) factors of the spliceosome. Stimulates mRNA 3'-end cleavage independently of the formation of an exon junction complex. Binds both pre-mRNA and spliced mRNA 20-25 nt upstream of exon-exon junctions. Binds RNA and DNA with low sequence specificity and has similar preference for either double- or single-stranded nucleic acid substrates.[UniProtKB/Swiss-Prot Function]</p>