

Product datasheet for **MC222638**

Srrm1 (NM_016799) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srrm1 (NM_016799) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Srrm1
Synonyms:	AA407769; POP101; Srm160
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC222638 representing NM_016799
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACGCGGGATTCTTCGCGGAACAAGTGGGAGCAGGATAATCGTTTCAGCAACAACAGAAGAAAC
 TCCTCAAGCAGCTGAAATTTGCAGAATGCTTAGAAAAAAGGTGGACATGAGCAAAGTAAATTTGGAGGT
 TATAAAGCCTTGATAACCAAAAGAGTAACTGAGATCCTTGATTTCGAAGATGATGTTGTCATTGAGTTT
 ATATTCACCAGCTGGAAGTGAAGAACCAGATTCCAAAATGATGCAAAATCAACCTGACTGGGTTTTTGA
 ATGGGAAGAATGCTAGAGAATTCATGGGAGAGCTGTGGCCCTGCTGTTGAGTGCACAAGAAAATATCGC
 CGGAATCCCTTCTGCTTCTAGAGTTGAAGAAGGAAGAGATAAAGCAGAGACAAATGAACAAGAAAA
 TTGGCGTCTCTGAAAAACAAGATGAAGATAAAGATAAAGAGGGATAAGGAAGAAAAGGAAAGCAGCAGAG
 AGAAGAGGGAGCGGTCTCGCAGCCCAAGAAGACGCAAAATCCAGATCTCCTTCCCCTAGAAGACGATCTTC
 CCCTGTCAGGAGAGAGAAAAGCGCAGTCACTCTCGATCTCCCGTCACAGAACCAAGAGCCGGAGCCCT
 TCCCCTGCCCCAGAAAAGAGGAGAAATCTCCAGAGCTCCAGAGCCATCCGTGAGGATGAAGGACTCCT
 CAGTACAGGAGGCCACCTCTACAAGTGACATCTTGAAAGCTCCCAAGCCTGAGCCTGTACCAGAGCCCAA
 AGAACCGTCTCCAGAAAAAATCCAAAAGGAAAAGGAAAAGACTCGACCAAGATCTCGGTACAGATCC
 AAATCTCGGTCTCGGACCCGATCTCGATCACCTTCTCATACTAGACCAAGACGGAGACATAGATCCCGAT
 CAAGATCATACTCTCTAGAAGGCGGCCAAGCCCAAGACGACGACCATCTCCCGAAGAAGAACTCCACC
 AAGACGGATGCCTCTCCACCAAGGCACCGGAGGAGTAGGTCTCCAGGGAGACGAAGGAGCGTCTTCC
 GCATCCCTGTCTGGAAGTAGCTCGTCTCTTTCATCTCGTTCCCGTACCACCAAGAAAACCTCCCA
 AGAGGACATCCAGCCCTCTCGAAAACGCGTAGGTTATCACCTTCAGCAAGTCTCCAGCGGAAGACA
 CCGGCCGTCTCCAGCAACTCCGCCACCCAAAACCTCGCCATTCCCAACTCCCAGCAGTCAAACCGT
 ACAAGAAAAAGTCGTGTTTCTGTGTCTCCAGGAAGAACCTCCGGTAAAGTGACAAAAATAAAGGTAAGT
 AGAAAAGAGAGTACCTTCTCCAGCACCAAGCCTAGAAAAGTGGAGCTGTCTGAGTCTGAAGAAGACAA
 AGGCAGCAAAATGGCTGCAGCTGATTCTGTGCAGCAGAGAAGACAATACCGACGGCAGAACCAGCAGTCT
 TCATCTGACTCTGGCTCTCTCCACCTCAGAAGATGAGCGGCCCAAGAGATCCCATGTAAGAAGCGGTG
 AGGTAGGCAGGCGGGGAGACATTCCCCTTCTCGGAGTGCCTCTCCATCACCTCGAAAGCGCCAGAAAGA
 GACTTCCCCTCGATGCAGATGGGAAAGCGATGGCAGTACCAGTACTAAAAGTAGTAGAAGGAGGAGA
 AGTCCCCTCCCCTCTGCCAGAAGGCGAAGGTCTCTTCTCCAGCCCTCCGCGGCCACTCCCCTC
 CTCTCTCGGGGGCAGATCTCCACCCACCACCAGCAGGAAGACCCTTCTCTCCCACGCGCC
 CCGCTCACCGTCTCAAGAAGATACTCTCTCCATTCCAGAGGAGATACTCTCTTCCCCCTCCAAAAG
 AGGAGAACCGCTCCCCCGCCCGCCCAAGCGAAGGGCATACCATCTCCACCACCAAGCGCCGGG
 TCTCCCCTCTCCACCTCTAAACAAAGAAGCCCAAGTACCACCAAGAGACGCTCGCCCTCTTATCTTC
 AAAACATAGGAAAGGGTCTTCCCAGGCCGATCCACCCGGGAGGCCGCTCACCAACCAACAAACCGG
 CATTGCCCCTACCACGGCTCGGGCTCTCAGACCTCAAGCCCTCCCCTGTACGAAGAGGAGCTTCAG
 CGTACCCCAAGGAAGCAGTCCCCTCTCCAAGTACTAGGCCTATTAGGAGAGTCTCCAGGACCCCGGA
 GCCAAAAAGATAAAAAAGGCTGCCTCACCAAGCCCTCAGTCCGTAAGAAGGGTTTCATCTTCCAGATCT
 GTCTCTGGATCTCCTGAGCCAGCAGCTAAAAAGCCGCCAGCACCTCCCTCTCCTGTGCAGTCTCAGTCA
 CCTCCACAAACTGGTCACTGCAGTACCAGCAAAAAGGCTAAGAGCCCAACACCAAGCCTGTCCCCTGC
 CCGAATTCTGATCAAGAAGGAGGTGGGAAGAAAAAGAAGAAGAAGGACAAGAAACACAAGAAGGAT
 AAGAAACACAAGAAGCACAAAAACACAAGAAGGAGAAGGCTGTGACCATAGCCACCCAGCTACTGCAG
 CCCCTGCAGTGTCTGCTGCCACCACCATCAGCACAGGAAGAGCCTGCAGCAGCACCAGAGCCAG
 GAAGGAGACTGAGAGTGAAGTGAAGATGACAACCTTGATGACCTAGAGAGGCACCTGCGGGAGAAGGCC
 CTGCGGTCCATGCGGAAGGCTCAAGTGTCCCCACAGTCT**TAA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN:	NM_016799
Insert Size:	2772 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:	NM_016799.3 , NP_058079.2
RefSeq Size:	3732 bp
RefSeq ORF:	2772 bp
Locus ID:	51796
UniProt ID:	Q52K18
Cytogenetics:	4 D3

Gene Summary:

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]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.