

Product datasheet for **SC337674**

SRRM1 (NM_001303448) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SRRM1 (NM_001303448) Human Untagged Clone
Tag:	Tag Free
Symbol:	SRRM1
Synonyms:	160-KD; POP101; SRM160
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001303448, the custom clone sequence may differ by one or more nucleotides

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ATGGACGCGGGATTTTCCGCGGAACAAGTGCAGAACAGGATAATCGGTTTCAGCAACAAACAGAAGAAAC
TACTGAAGCAGCTGAAATTTGCAGAATGCCTAGAAAAAAGGTGGACATGAGCAAAGTAAATTTGGAGGT
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AGTCCCGTCTCCAAGTACTAGGCCATTAGGAGAGTCTCCAGGACTCCGGAACCTAAAAAGATAAAAA
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CAAGTGTCACAGTCTTAG

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Restriction Sites: SgfI-MluI
ACCN: NM_001303448

OTI Disclaimer:	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).
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:	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:	<u>NM_001303448.1, NP_001290377.1</u>
RefSeq Size:	3988 bp
RefSeq ORF:	2751 bp
Locus ID:	10250
UniProt ID:	<u>Q8IYB3</u>
Cytogenetics:	1p36.11
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).