

Product datasheet for **MC200363**

Msr1 (NM_031195) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Msr1 (NM_031195) Mouse Untagged Clone
Tag: Tag Free
Symbol: Msr1
Synonyms: MRS-A; MSR; MSR-A; Scara1; Scvr; SR-AI; SR-AII
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003814 sequence for NM_031195
 ATAAATCAGTGTCTTCTTTACCAGCAATGACAAAAGAGATGACAGAGAATCAGAGGCTCTGCCCTCA
 TGAACGAGAGGATGCTGACTGCAGTTCAGAATCCGTGAAATTTGACGCACGTTCAATGACAGCATCCCTT
 CCTCACAGCACTAAAAATGGCCCTCCGTTCAGGAGAAGTTGAAGTCCTTCAAGGCTGCCCTCATTGCTC
 TCTACCTCCTTGTGTTTGCAGTACTAATACCTGTTGTTGGAATAGTGACAGCTCAGCTTTTGAATTGGGA
 AATGAAGAACTGCTTAGTTTGTTCACGTAACACAAGTGATACATCTCAAGGTCCTATGGAAAAAGAAAAT
 ACCAGTAACGTGGAAATGAGATTTACAATTATCATGGCACACATGAAGGACATGGAGGAGAGAATCCAAA
 GCATTTCAAACCTCAAAGCCGACCTTATAGACACGGGACGCTTCCAGAATTTGAGCATGGCAACTGACCA
 AAGACTTAATGATATTCTTCTGCAGTTAAATTCCTTGATTTTGTGAGTCCAGGAACATGGGAATTCAGT
 GATGCAATTTCCAAGTCCTTGCAGAGTCTGAATATGACACTGCTTGATGTTCAACTCCATACAGAAAAC
 TGCATGTCAGAGTCCGTGAATCTACAGCAAAGCAACAGGAGGACATCAGTAAATGGAGGAACGTGTGTA
 CAAAGTATCAGCAGAAGTCCAGTCTGTGAAAGAAGAACAAGCGCACGTGGAACAGGAAGTAAAACAGGAA
 GTGAGAGTATTGAACAACATCACCAACGACCTCAGACTGAAGGACTGGGAACACTCACAGACACTGAAAA
 ACATCACCTTCATTCAAGGGCCTCCTGGACCCCAAGGTGAAAAGGGAGACAGAGGGCTTACTGGACAAA
 TGGTCCACCTGGTGTCCAGGAAATAGAGGATATCCAGGTGTTAAAGGTGATCGGGGACAAATGGCTTC
 CCTGGAGGTCGAGGAAACCCAGGAGCACCAGGAAAGCCAGGGAGGTCGGGATCTCCTGGACCTAAAGGAC
 AAAAGGGAGAGAAGGGGAGTGTAGGCGGATCAAGATCAGTATAACTCCCTGATCATATTGGGGCAAGACC
 CTTTTAAGATCAGCTGGGCTGGGCAGAGCACCTACTATCATCTCCTTAAAAGACCTTTACCTCTGGAC
 AAGTCATCAACACAAGTGACTTCTGGATCCTTTTGAACCTCCTCAAATGACATTGGTTCTGTGTCAT
 GCCATGCCTGGCTTCTTGAACCTTCTTAAACCTGAGGTCGTTGGGGCCTCCATTGACATAAGTACCT
 TATGGCATATGCTCTGCTACAATGACTCCCATCCCTGGCACCTTTTACCTAGATGTTCTACCTGTTGAG
 TAGAGGGATGTTCTGCCTTCTCAGACCTTCTGCTGTTCCCTCACCTAACTGTGCAGAATCCTATTAA
 ATTCTAAGAAAACTTAATTGATATTGATTAAGTATTAGTTCTTGAAATGTAAGATATTTTCTCAATA
 CAAATAGAGATTGAAATAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_031195
Insert Size:	1065 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:	BC003814 , AAH03814
RefSeq Size:	1572 bp
RefSeq ORF:	1065 bp
Locus ID:	20288
Cytogenetics:	8 23.89 cM
Gene Summary:	<p>Membrane glycoproteins implicated in the pathologic deposition of cholesterol in arterial walls during atherogenesis. Two types of receptor subunits exist. These receptors mediate the endocytosis of a diverse group of macromolecules, including modified low density lipoproteins (LDL).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript but encodes the shorter isoform (a).</p>