

Product datasheet for **RN216704**

Msr1 (NM_001191939) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Msr1 (NM_001191939) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Msr1
Synonyms:	RGD1564316
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216704 representing NM_001191939
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATAGAGAAACAGAGGCTCTGTCTCTGAACCGGAGGACGCTGACTGCTACTCAGAATCTGTGAAAT
 TTGACGCACGTTCCATGACAGCATCCCTTCTCACAACACTATAAATGGCTCCTCCGTTCCAGGAGAACT
 GAAGTCCTTCAAAGTTGCCCTCGTCGCTCTCTACCTCCTTGTGTTTGCAGTACTAATACCTGTTGTTGGA
 ATAGTAACAGCTCAGCTTGTGAATTGGGAAATGAAGAAGTCTTAGTGGGTTCCAGTAAACACAAGTATA
 CATCGCAAACCTGACTGGAAAAGAAAACACCAGTAAAGCAGAAATGGGATTTACAATGCCATGGAACG
 CATGAAGGCCCTGGAGGAGAGAGTCCAAAGCATTTCAAGTCTTCAAGCTGGCCTTCTAGACACAGACCGC
 TTCAGAACTTCAGCATGGCAACCGACCAAGACTTAATGATCTTCTTCTGCAGTAAATTCCTTGATTT
 CATCAGTCCAGGAACATGGGAGTCCCTGGATGCAATTTCCAAGTCTTGCAGAGTCTGAATACAACACT
 GCTTGATGTCCAGTCCATACAGAAACACTGAATGTCAAAGTCCGCGAATCTACAGCAAAGCAACAGGAG
 GACATCAGTAAGTTGGAGAACGTGTGCACAAAGTATCAGCAGAAATCCAGTCTGTGAAAGAAGAACAAG
 AGCATGTGGAACAGGAAGTAAAAACAGGAAGTGAAGTATTGAACAACATCACCAACGACCTCAGACTGAA
 GGACTGGGAACACTCACAGACGCTGAAAAATATCACCTTAATTCAGGGCCTCCTGGACCCCAAGTGA
 AAGGGAGACAAGGGACTTACTGGACAAAGTGGTCCACCTGGTGTCCAGGTGCAAGAGGTCTCCAGGTC
 CTAAGGTGATCAGGGACCAGTTGGCTTCCCTGGTGGGCGAGGATACCCAGGAGCACCAGGAAAGGCAGG
 GAGGTGAGGATTTCTGGACCTAAAGGACAAAAGGGAGAAAAGGGCGTGCAGGAATATCAACCTCTCTT
 AAAACAGTTCGACTGGTGTGATGGTAGCGGACCCCATGAGGGCCGAGTAGAGATCTTCCACGAAGGCCAGT
 GGGGCACAATCTGTGATGATCGCTGGGATATACGAGCTGGACAAGTTGTCTGCCGGAGTCTAGGATACCA
 AGATGTTCTAACTGTGCACAAGAGAGCTCACTTTGGACAAGGACTGTTGTTCCAATATGGCTGAATGAAGTG
 ATGTGCTTTGGGAGAGAATCGTCTATTGAAAACGTGAAAATCAGCAAATGGGAGAAATTAGGCTGTTTAC
 ATGCAGAAGATGCTGGGGTCACTTGTACTTCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001191939
- Insert Size:** 1365 bp
- 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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: [NM_001191939.1](#), [NP_001178868.1](#)

RefSeq Size: 1365 bp

RefSeq ORF: 1365 bp

Locus ID: 498638

Cytogenetics: 16q12.1