

Product datasheet for **RR211398**

Srms (NM_001011961) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srms (NM_001011961) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Srms
Synonyms:	MGC109505
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR211398 representing NM_001011961
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCGCCTTCGTCGCAACCAGGCCCTAGGCATGGAGCCCTCCTCCGGAAGCGGCTCACTTTCTTGT
 CCTTTTTCTGGGATAAGATATGGCCAGCGGGTGTAGTCGGAGGAAGACATCCCAGGATCCAGGGACAGGA
 CGACAACCAGTCCGGAGCAACCAGCTGCCGTTGAACCTTGTAGCTTCCAGCCCCACGCGCCGACTC
 TTCGCGCGCTCTACGACTTCACTGCTCGATGTGCAGAGGAAGTGTGAGCGTCCAGCCGCGGGACAGACTCT
 ACGCCCTCAAGGAGGAGGGGAGTACATTTTTGCCAAAGGCTCTCTGGGCCACCCAGCACCAGGACTAGT
 TCCAGTCACTACCTTGCCAAGGCTACCCCGAGACGCCCTCAGACCAACCTTGGTACTTCAATGGGATC
 AGCAGGACTCAGGCCAGCAGTTGCTCTTGTCTCCTGCCAACGCACCAGGGGCTTCTCATCCGGCCCA
 GCGAAAGCAGCATCGGGGATATTCTCTGTGTCAGTCAGGGCTCAGGCCAAAGTCTGCCACTATCGAATCTG
 CATGGCACCTAGCGGCGGCTTACCTGCAGGAGGTCGACTCTTCCCCAGCCTGGATGCATTGCTAGCT
 TACTACAAGACCAACTGGAAGCTGATCCAGAACCCTCTGTTGCAGCCCTGTGTACCCAGATGCCCTTGG
 CTCAGGACGAGTGGGAACGGCCACGTTCAAGATTTGTCCTTCGGAGAAAAGTGGGTGAAGGCTTCTTCGG
 GGAGGTGTGGGAAGGCTTGTGGCTGGGCTCTACACCTGTGGCGGTGAAGGTAATCAAATCAGCTGACATG
 AAGCTGGCAGACCTACCAAGGAGATTGAGGCACTGAAGAGCCTGAGGCATGAGCGGCTAATCCGACTGC
 ACGCTATATGCTCCCTGGGTGAACCCGTGTACATCGTTACTGAACTCATGGGCAAGGGCAACTTGCAGGT
 CTACCTGGGCAGCCCTGAGGGAAAGGCCCTGAGCCTGCCTCATCTACTGGGATTTGCCTGCCAGGTAGT
 GAGGGCATGAGCTACCTGGAGGAGCGGCTGTTGTCCACCGGACTTGGCTGCCAGGAACGTGCTGGTGG
 GGGATGACCTCACCTGCAAGGTAGCTGATTTTGGCCTGGCCAGACTGCTCAAGGACGACTACTCCCC
 AAGCAGTGGCTCCAAGATCCCCGTCAAGTGGACGGCACCTGAGGCTGCTAATTACCGTGTCTTTTCCCAA
 AAGTCAGATGTTTGGTCTTTGGCATCCTGCTGTATGAGGCTTCACTTATGGCCAGTGTCCCTATGAGG
 GAATGACCAACCACGAGACGCTACAGCAGATTAGTCGTGGATACCGGCTGCCACGCCAGCTGTCTGCC
 AGCAGAGGTCTACATGCTCATGGTGGAGTGTGGAAGGGCAGCCCTGAGGAGCGTCCCACCTTTGCCACA
 CTGAGGGAGAAGCTGAATGCTATAAACAGACGCCCTCCACCTGGGCCTCACG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR211398 representing NM_001011961
 Red=Cloning site Green=Tags(s)

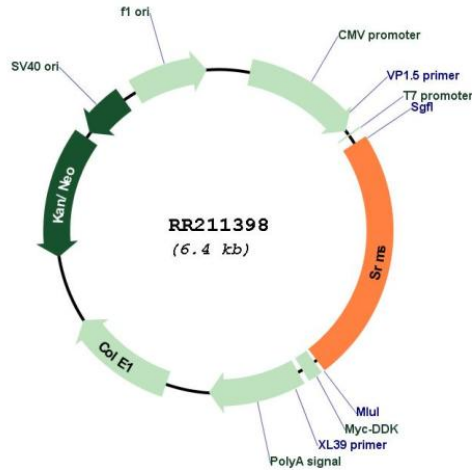
MRLRPQPGPLGMEPFLRKRLTFLSFFWDKIWPAGESEEDIPRIQGQDDNPVPEQPAAVEPCSFAPRRL
 FRALYDFARCAEELSVSRGDRLYALKEEGEYIFAQRLSGPPSTGLVPVTYLAKATPETPSDQPWFYNGI
 SRTQAQQLLLSPANAPGAFILRPESSIGGYSLSVRAQAKVCHYRICMAPSSGLYLQEGRLFPSLDALLA
 YYKTNWKLIQNPLLQPCVPQMPLAQDEWERPRSEFVLRRLKGEFFGEVWEGLWLGSTPVAVKVIKASDM
 KLADLTKEIEALKSLRHERLIRLHAICSLGEPVYIVTELMGKGNLQVYLGSPGKALSLPHLLGFACQVA
 EGMSYLEERRVVHRDLAARNVLVGDDLTKVADFLARLLKDDVYSPSSGSKIPVKWTAPEAANYRVFSQ
 KSDVWSFGILLYEVFTYQCPYEGMTNHTLQQISRGYRLPRPAVCPAEVYMLMVECWKGSPEERPTFAT
 LREKLNAINRRLHLGLT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Plasmid Map:



ACCN: NM_001011961

ORF Size: 1521 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001011961.1](#), [NP_001011961.1](#)

RefSeq Size: 2241 bp

RefSeq ORF: 1524 bp

Locus ID: 296472

Cytogenetics: 3q43

MW: 57 kDa