

## Product datasheet for **MG215975**

### Srms (NM\_011481) Mouse Tagged ORF Clone

#### Product data:

<b>Product Type:</b>	Expression Plasmids
<b>Tag:</b>	TurboGFP
<b>Symbol:</b>	Srms
<b>Synonyms:</b>	A230069J08Rik; srm
<b>Mammalian Cell Selection:</b>	Neomycin
<b>Vector:</b>	pCMV6-AC-GFP (PS100010)
<b>E. coli Selection:</b>	Ampicillin (100 ug/mL)



**ORF Nucleotide Sequence:** >MG215975 representing NM\_011481  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGCGCTTCGTCGCCAACCCAGGCCCTAGGCATGGAGCCCTTCCTCAGGAAGCGGCTCACTTTCTTGT  
 CCTTTTTCTGGGATAAGATATGGCCAGCGGATGAATCGGAGGAAGACATCCCCAGGATCCAGGGACACGA  
 CGACAACCCAGTGCCGGAGCAAGCCGCTGCCGTTGAACCTTGTAGCTTCCCAGCCCCACGCGCCGACTC  
 TTCCGCGCGCTCTACGACTTCACTGCTCGATGTGCAGAGGAACTGAGCGTCAGCCGTGGGGACAGACTCT  
 ACGCCCTCAAGGAGGAGGGGACTACATCTTGCCAAAGGCTCTCTGGTCCACCCAGCACCGGACTAGT  
 TCCTGTCACTACCTTGCCAAGGCTACCCCGGAGCCGCCCTCAGACCAACCTTGGTACTTCACTGGGATC  
 AGCAGGGCTCAGGCCAGCAGTTGCTCTTGTCTCCTGCCAATGCACCAGGGCCTTCCTCATCCGCCCA  
 GCGAAAGCAGCATCGGGGCTATTCTCTATCAGTCAGGGCCAGGCCAAAGTCTGCCACTACCGCATCTG  
 CATGGCACCCAGTGGCAGCCTCTATCTGCAGGAGGGCCAACTTCCCCAGCCTGGATGCACTGCTGGCT  
 TACTACAAGACCAACTGGAAGCTGATCCAGAACCCTCTGCTGCAGCCCTGCATACCCAGATACCCCTGG  
 TTCAGGACGAGTGGGAACGACCACGTTTCAAAATTTGCTCCTCGGAGAAAGCTGGGTGAAGTTTCTTCGG  
 GGAGGTGTGGGAAGGCCTGTGGCTGGGCTCTATCCCTGTGGCAGTGAAGTTATCAAATCAGCTGACATG  
 AAGCTGGCAGACCTACCAAGGAGATTGAGGCACTGAAGAGCTTGAAGCATGAGAGGCTGATCCGGCTGC  
 ACGCTATATGTTCCCTCGGTGAACCTGTGTACATCGTTACTGAACTCATGGCAAGGGCAACTTGAAGT  
 CTACCTGGGACGCTCTGAGGAAAGGCCCTGAGCCTGCCCCATCTACTGGGATTTGCCTGCCAGGTAGCT  
 GAGGGCATGAGCTACCTGGAGGAGCGGCTGTCTCCACCGGACTTGGCTGCCAGGAACGTGCTGGTGG  
 GTGATGACCTCACCTGCAAGGTAGCTGATTTGGCCTGGCCAGACTGCTCAAGGATGATGTCTACTCCC  
 AAGCAGTGGCTCCAAGATCCCTGTCAAGTGGACGGCACCTGAGGCTGCTAATTACCGTGTCTTTCCCAA  
 AAGTCAGATGTCTGGTCTTTGGCATCCTGCTGTATGAGGTCTTCACTTATGGCCAGTGTCCCTATGAAG  
 GAATGACCAACCATGAGACGCTACAGCAGATTAGTCGTGGATACCGGCTGCCACGCCAGCTGTCTGCC  
 AGCAGAGGTCTATGTGCTCATGGTAGAGTCTGGAAGGGCAGCCCTGAGGAGCGTCCCACCTTTGCCATA  
 CTGAGGGAGAAGCTGAATGCCATAAACAGACGCCTCCATCTGGGCCTCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAA

**Protein Sequence:** >MG215975 representing NM\_011481  
 Red=Cloning site Green=Tags(s)

MRFRPQPGPLGMEPFLRKRLTFLSFFWDKIWPADESEEDIPRIQGHDDNPVPEQAAAVEPCSFAPRARL  
 FRALYDFTARCAEELSVSRGDRLYALKEEGDYIFAQRLSGPPSTGLVPVTYLAKATPEPPSDQPWFVSGI  
 SRAQAQQLLLSPANAPGAFLIRPSESSIGYSLSVRAQAKVCHYRICMAPSGSLYLQEQQLFPSLDALLA  
 YYKTNWKLIQNPLLQPCIPQIPLVQDEWERPRSEFVLRRLKGEFFGVEVWEGLWLGSIPIVAVKVIKSDM  
 KLADLTKEIEALKSLRHERLIRLHAICSLGEPVYIVTELMGKGNLQVYLGSEKALSLPHLLGFACQVA  
 EGMSTLEERRVVHRDLAARNVLVGDDLTKVADFGLARLLKDDVYSPSSGSKIPVKWTAPEAANYRVFSQ  
 KSDVWSFGILLYEVFTYQCPYEGMTNHETLQQISRGYRLPRPVCVPAEYVVLMEVCWKGSPPEERTFAI  
 LREKLNAINRRLHLGLT

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_011481

**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.

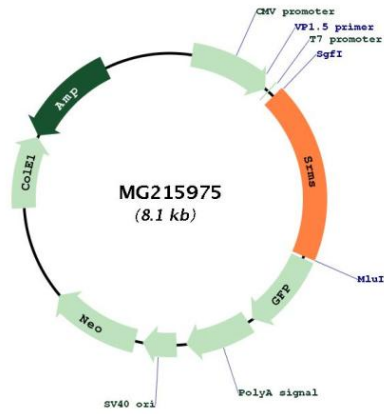
**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_011481.3](#), [NP\\_035611.3](#)

**RefSeq Size:** 2547 bp

RefSeq ORF: 1524 bp  
 Locus ID: 20811  
 Cytogenetics: 2 103.62 cM

**Product images:**



Circular map for MG215975