

## Product datasheet for RN215558

### Sms (NM\_001033899) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sms (NM\_001033899) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sms  
**Synonyms:** MGC124869  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN215558 representing NM\_001033899  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCAGCAGCAAGGCACAGCACGCTCGACTTCACGCTCGGCGCCAAAGCTGATGGTGAGGCCATTCTGA  
 AAGGCCTTCAGTCCATCTTTCAGGAGCAGGGGATGGCAGAGTCGGTGCACACCTGGCAGGACCATGGGTA  
 TTTAGCAACCTACACGAACAAGAATGGCAGCTTTGCCAATTTGAGAATTTATCCACATGGATTGGTGTG  
 CTGGACCTTCAGAGTTACGACAGTGATGTGCAAGGCAAACAAGAACTGACTGCCTTTTGAATAAAATAG  
 AAGAAAAAATGAAAGAATTGAGTCAAGACAGTACTGGTCGGGTGAAGCGATTACCACCCATAGTTCGAGG  
 AGGGGCCATTGACAGATACTGGCCTACTGCTGACGGGCGCCTGGTTGAGTATGACATAGATGAAGTGGTG  
 TATGACGAAGACTCACCTTATCAGAACATTAATAATTTCTCACTCAAAGCAGTTTGGGAATATTCTCATCC  
 TCAGCGGGGATGTTAATTTGGCAGAGAGTGACTTGGCATATACCAGGGCCATCATGGGCAATGGTAAAGA  
 AGACTACACTGGCAAAGATGACTGATTCTGGGAGGCGCGATGGAGGCATATTATGTGAAATTGTCAA  
 CTGAAACCAAAGATGGTCACTATGGTAGAGATTGACCAGATGGTAATTGATGGATGAAGAAATACATGC  
 GCAGAACATGTGGAGATGTCTTAGACAATCTTAAAGGAGATTGCTATCAGGTTCTTATAGAAGACTGTAT  
 TCCAGTACTGAAGAGGTACGCCAAAGAAGGAGAGATTTGATTATGTGATTAATGATTTGACAGCTGTC  
 CCTATCTCTACATCTCCAGAAGAAGATTCCACATGGGAGTTTCTCAGACTGATTCTTGACCTGTCAATGA  
 AGGTTCTGAAACAGGATGGAAAATATTTACACAGGGGAACTGTGTCAACTTGACTGAAGCCCTGTCGCT  
 CTATGAAGAACAGCTGGGCGCCTGTATTGTCCTGTGGAATTTCTCAAAGAGATTGTCTGTGTCCCTTCA  
 TACTTGAATTTGGGTATTTTACTGTTTGAAGAAAGCTAAGCCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001033899



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<b>Insert Size:</b>	1101 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001033899.1, NP_001029071.1</u>
<b>RefSeq Size:</b>	1675 bp
<b>RefSeq ORF:</b>	1101 bp
<b>Locus ID:</b>	363469
<b>Cytogenetics:</b>	Xq21