

## Product datasheet for RN210170

### Sgms1 (NM\_181386) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sgms1 (NM_181386) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sgms1
Synonyms:	Mob; Tmem23
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210170 representing NM_181386 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTTGCTGCCAGTACCATGAAGGAAGTGTTTACTGGTCACCCAAGAAGGTGGCAGACTGGCTGCTGG  
AGAATGCTATGCCAGAATACTGTGAACCTCTGGGGCATTTCACAGGCCAGGACCTAATCAACCTAACCCA  
AGAGGATTTACAAAGCCTCCTCTGTGCCGAGTCTCCTCTGACAATGGGCAGCGGCTCTTAGACATGATA  
GAGACCTGAAGATGGAGCACCATATCGAAGCGCACAGAATGGCCACGCCAACGGACACCTCAGCATTG  
GCGTCGACATTTCCAACCTGACGGCAGCTTCAGCATCAAGATTAACCCAACCGAATGCCAAATGGCTT  
CAGGAAAGAGATGATCAAGATCCCCATGCCGGAACCCGAGCGCTCCCAGTACCCCATGGAGTGGGGCAAG  
ACTTTGCTGGCCTTTCTTTACGCACTGTCTGTTTGTCTCACTACAGTGATGATCTCGGTCGTCATG  
AACGAGTGCCTCCTAAGGAGGTACAGCCTCCGCTACCGGACACGTTTTTTGACCATTTAAACCGGTGCA  
GTGGGCGTTTTCTATTTGCGAAATTAACGGCATGATCCTTGTAGGACTCTGGTTATTTCACTGGCTGCTC  
TTAAAAACAAGTCTATTATTAGCAGAAGATTTTCTGCATAGTTGGCACGCTGTACCTGTACCGGTGTA  
TTACAATGTATGTAACACTACACTCCAGTACCCGGCATGCACTTCAACTGTTCTCCGAAGCTTTTGGAGA  
CTGGGAAGCTCAAGTGCCGAGGATAATGAAGCTCATTGCTGGAGGTGGCTTGCCATCACGGGCTCGCAC  
AACATGTGTGGGACTATCTGTACAGTGACACACAGTCATGCTAACGCTCACCTACCTGTTTATCAAGG  
AGTATTTCCCTCGGCGGCTCTGGTGGTACCAGTGGATTTGCTGGCTCCTCAGCGTCGTTGGAATCTTCTG  
TATTCTTTAGCGCATGACCACTACACTGTGGACGTGGTGGTAGCATATTACATCACCACAAGACTCTTC  
TGGTGGTATCACACGATGGCCAATCAGCAAGTGTGAAGGAAGCTTCCAGATGAACCTCCTGGCCAGAG  
TGTGGTGTACAGGCCATTTCACTACTTTGAAAAGAAGCTCCAAGGGATTGTACCTCGATCTTACCATTG  
GCCCTTCCCTGGCCGGTAGTCCACCTTAGTAGGCAAGTTAAATATAGCCGGCTGGTAAACGACACC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_181386
<b>Insert Size:</b>	1260 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>	<a href="#">NM_181386.2</a> , <a href="#">NP_852051.2</a>
<b>RefSeq Size:</b>	2283 bp
<b>RefSeq ORF:</b>	1260 bp
<b>Locus ID:</b>	353229
<b>UniProt ID:</b>	<a href="#">Q7TSX5</a>
<b>Cytogenetics:</b>	1q52
<b>Gene Summary:</b>	alpha-chemokine; involved in inducing lung inflammation [RGD, Feb 2006]