

Product datasheet for **MC221197**

Smgc (NM_198927) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smgc (NM_198927) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Smgc
Synonyms:	2310010P21Rik; DXImx49e; Muc19; Muc19/Smgc; Sfc21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC221197 representing NM_198927
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGCTGATACTTCTGTACCTGGCTGTGGTCTGCTTTGTTGGCAAAGCTAGATCTTTCAGAAATG
 GAGCTGGCTTCTATACTCCCTAGGCGGTCAAATGAGAGTCTTTGATTTTAAATAAAAGACTCTGGATGC
 CAAGAGTCTGGTGGGAGCAAAGATTACAATCTGTCTGATGGAGGTAAAAGTAACTCGAGAAAGAATCTT
 AGTCTGCTACTGGTGGCTCTGCAACACAACAGTCTAATTTAGATGACTCTCATGCACCCAATCTTGAA
 AAAGTAAACTATGCTGAGTCTGTTAGGTTACCTGGGAGCTTTTCGCCCTGTGCTTAGTGGCCTTACGTC
 TCTGCCCAGAGTAGGAGGTGGTCCCATGGTAATATCGGTTTAAAGAGCTGAAATCAGCAGAAATGGTGT
 AACCTGTCAGGTGACTCAAGTCAAGAGGTAGTCTGAATGTGAATCCGTTAAGTGGACTCTCCACCAAGT
 CAGGAAATGATGCCACCGTCCAGGGTCAACAAGCAGCTGCATCTGGTGGCTCTAAGCACAATGTAGAGAA
 TAGCAGTTTATCTACAGGCTCTGCAACCTCCAACAAAGGAGCTGACAAACCAAGTGAACATCTGAGTAA
 CTTTTCTTAAAGGACTGAAAGGAATAGTCGAACCGATCAACAAGTCTGCTGGTGGCTCAGTTTCTCGG
 CTGTGCGAGAATCTTAAAGCACAATAAAAAAATTCATAGAGCCCTGACAGAGGATCATGGACCAACAAG
 CACTAGTGCCAGTGTCTCAGGTGACTCAAGTACAAGCAGTAGGCTGGATGGGCATTATCATAGATGGACTC
 TCCAAGGTGTCAGGAGATGATCCACAGTCCAGGGTCCAGGATGTAGTGCATCTGATGGCTTAAGCAGA
 ATGTAGAGGATAGCACTTTATCTACAGGCTCTGCAACCTCCAATGAAGGAGATGACAAATCTAGTGACAA
 TTCAAGTAACACTTTTCAAGGAAGATTTGGAAAAAATTTAGAACAGATCACAAGTCTCTGGTGGCTCA
 GTTTCTTCGGCTGTCGAGAATCTTAAAGCACAATAAAAAAATTCATAGAGCCCTGACAGAGGATCATG
 GACCAACAAGCACTAGTCCAGTGTCTCAGGTGACTCAAGTACAAGCAGTAGGCTGGATGGCATTTCATC
 AGATGGACTCTCCAAGGTGTCAGGAGATGATCCCACAGTCCAGGGTCCAGGATGTAGTGCATCTGATGGC
 TCTAAGCAGAATGTAGAGGATAGCACTTTATCTACAGGCTCTGCAACCTCCAATGAAGGAGATGACAAAT
 CTAGTGACAATTCAGTAACACTTTTCAAGGAAGATTTGGAAAAAATTTAGAACAGATCACAAGTCTCC
 TGGTGGCTCAGTTTCTACAGTTAACAACCTGATGAAGATAGACTCATAAGCATCATAGAGAACTTAGCT
 GGCCACATTCAACAGTCTGCTCAAGCCAGTCAATCAGCTGAAAGGCCTAATGCACAATCAAGCAACA
 ACTTGTCCAGGAAAATTGGAACCAAAGTATGAGAACCCGACTAATGGCAGTAGCTCAGCTTCTTCAAGTGA
 CAAGCCTTATGAAGAGGGAATGAGAAAAATTTGTTAAAGTCTTAGAAGAGCAATATGGACAAACAGGAACT
 GATGCCAGTGTCTCAGGAATGTCAAGTGAAGTAGTAGGTCGAATGTGCATCTATCAGATGGATTCTCCA
 TGGAGTCCAGGAGATGATGCCACAGTCCAGGGTCAACAAGCAGCTGCATCTGGTGGCCCTAAGCAGAAATG
 AGAGAGCAGCAATTCATCTACAGGCTCTGCAACCTCCAATGGAGGAGGTGACTCCAATGAAGTAAGAGGG
 CCAAGCTCCTCAGCAGTAGACTCCACAGATTCAAGGAGACCGTGGGAATCTGGCTGATAAACAAGGACCTG
 GGTTTAAATGGACCTGAGGGGGTTGGAGAGAATAATGGTGGATCTTTCAGGGCTGGAAGCTTGGAATG
 AAGTAAGAGTACTCAGGAAGCCATAATTTGTCTTCTGGGTCTGGAAGTAGAAGTAAATGTTTCCACTGGT
 GGTGAACCTTCTGACAAAAACGAACCTGCTGACCCTGGTGTAGTGGCAGAGTTACCTGTCTACTGGCA
 AGACCAATCTGGATCTCCTTCTGTGGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_198927

Insert Size: 2202 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).

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:	<ol style="list-style-type: none">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:	<u>NM_198927.3</u> , <u>NP_945121.1</u>
RefSeq Size:	2977 bp
RefSeq ORF:	2202 bp
Locus ID:	223809
UniProt ID:	<u>Q6JHY2</u>
Cytogenetics:	15 E3