

Product datasheet for **MC203031**

Sgsm3 (NM_134091) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sgsm3 (NM_134091) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sgsm3
Synonyms:	1810012I01Rik; AI428557; BB175482; Cip85; R75178; RUSC3; Rutbc3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC024122
 CGCCGACTAGGAGGCAGCTGCTAGCCTGACCTGCCGAGGTGCTGAGGTGGCCGCGAGACAGGGCTGATGA
 AGCCTCAGGACAGTCAGAGAAGCCAATGATGACCGCTTGTGCCTAGACCTATGAAGTCTGCCGTCGTCC
 ACAGCACATGATGTCAGGAAACACACGCCTTCTGCCAGTGGCCCTTCTCTGCCCTGACTCCAAGCATA
 TGGCCCCAGGAGATCCTGGCAAAATACTCACAGAAAGAAGAATCCTCAGAGCAGCCAGAGCTCTGCTATG
 ATGAGTTTGGTTTCCGTGTGGACAAGGAAGTTCTGAGCCTGGATGCAGCCAGATGACAGGCTCACCCCT
 GGTGGAGGACCCCGCAGAGGCTACGTTGGCAGGCTCACCTGGAGTTCACCCATAACCATGATGTTGGG
 GATCTCACCTGGGACAAGATTGCAGTCTCCCTCCCGCTCTGAGAACTCCGTTCCCTAGTGTGGCTG
 GCATCCACATGGCATGAGGCCACAGTTGTGGATGCGGCTCTCTGGGGCCTGCAGAAGAAGAAGAACTC
 TGAGTTGTCTACCGTGAGATTATAAAGAACAGCTCCAACGATGAGACCATCGCTGCCAAACAGATCGAA
 AAGGACCTGCTCCGTACCATGCCAGCAACGCCTGCTTTGCCAATGTGAACAGCATCGGTGTTCCCGCC
 TGCGCAGAGTCTCCGAGCACTGGCCTGGCTCTACCCAGAGATTGGCTACTGCCAGGGCACAGGCATGGT
 GGCTGCTGTCTCCTGCTGTTCTGGAGGAGGAGATGCCTTCTGGATGATGTGTGCCATTATTGAGGAC
 CTGCTGCCTGCCTACTTTCAGCACTACCTGCTGGGAGTCCAGACTGACCAGCGGGTCTCGCCACC
 TGATTGCCAGTACCTGCCTCGCTTAGACAAACTGTTGCAGGAGCACGACATTGAGCTGTCTTTATCAC
 GCTGCACTGGTTCTCACGGCCTTCGCCAGCGTGGTGCACATCAGACTGCTGCTGCGCATCTGGGACCTG
 TTTTTCTACGAGGGCTCCCTGGTGTGTTCCAGACTACGCTGGGCATGCTGCGCCTTAAGGAGGAAGAGC
 TGATACAGTCTGAGAACTCAGCTTCCATCTTCAACACGCTGTGACACATTCTGCACAGATGGATGACGC
 AGAGCTGCTGCTGGGGAGGGCCATGAGGCTGGCTGGCTCCCTCACTGATGTGGCCGTGGAGACCCAGCGT
 CGCAAGCACCTGGCCTACCTTATTGCAGACCAAGGCCAAACCTGGGGACGGGCACCACCACTAACCTCT
 CTCAGGTTGTACGGCGCAGGACGCGGAGGAAGTCTGGTATCACTTCCCTGCTTTTGGAGAGGACGA
 CCTAGAAGCTCTCAAGGCAAAGAATCAAGCAAACAGAGCTGGTAGCCGACCTTCGCGAAGCCATTTTG
 CGTGTGGCAGCCACTTCCAGTGCACAGACCCCAAGAACTGTAGTGTGGAGCTGACCCGACTACAGCA
 TGGAGGCCACCAGCGGGACCATGAGAAGTACGTGGCATGCTTACGACGCCACCGCGCCGCGCAAGGC
 CCTGCTGGACTTTGAGCGGCACGATGATGATGAGCTAGGCTTCCGCAAAAATGACATCATCACGATCATT
 TCCCAGAAGGATGAGCACTGCTGGGTGGGTGAGCTGAACGGCCTGAGAGGCTGGTTTCCAGCCAAGTTTG
 TGGAGGTCCTGGATGAGCGAAGCAAAGTACTCCATTGCGGGGACGACTCTGTGACAGAAGGAGTAAC
 AGACCTCGTGGGAGAACCTCTGCCAGCCCTCAAGGCCCTGTTTGAACACGGATTGAAGAAGCCATCC
 TTGCTTGGAGGGGCTTGTACCCCTGGCTGTTTATCGAGGAGGCAGCGGGCCGTGAAGTCGAAAGAGACT
 TTGATTCTGTGTACTCCGCCTGGTGTCTGTAAAGACATACAGGCTGGACGAAGATGGCAAAGTCTGAC
 CCCTGAAGAGCTGCTGTACCGGGCAGTGCAGTCTGTGAATGTGACCCATGATGCAGCACACGCAAAATG
 GATGTCAAGCTCCGCTCACTTATCTGCGTGGGGCTAAATGAACAGGTCTACACCTGTGGCTGGAGGTTT
 TCTGCTCCAGCCTGCCACTGTGGAGAAGTGGTACCAGCCCTGGTCTTCTGCGAAGCCCTGGCTGGGT
 CCAGATCAAGTGTGAGCTCCGTGTCTCTGCTGCTTTGCCTTTCAGCCTCTCCAGGACTGGGAGCTCCCT
 GCTAGGAGAGAGGAGGAAAAGCAGCCCTGAAGGAGGGTGTGACGACATGCTGGTGAAGCACCATCTCT
 TCAGCTGGGACATAGATGGATGATGCTCCTTCCAGCTGCTCTGTGGTGGCAGGCCCGCCATCATAGAC
 TGCTTGAAGGCTCCCTTCAACAGAAGGCAGAGCCCTGGCCAGCCTCGAGCCTCCCTCAGGCTAGGAGGT
 TCAGGGAAAGACTCTCCAGAGCTTACTCAGGACCCATGATCAGTGTCTGGGCCCTCCCACTCAGGCT
 ACCACGGCTGTCAAAGCATAACAGTGGTGGCCAGCCAGCTGCTTCTTAAACATGGTCTGAGGAGTGC
 CAGCCATATGGTATACTATACTAACCAAAAACCTTGGGAAGAGGCGGGGACATTATTGTAATAAACCTT
 TTAGTAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_134091

Insert Size: 2253 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>BC024122</u> , <u>AAH24122</u>
RefSeq Size:	2772 bp
RefSeq ORF:	2253 bp
Locus ID:	105835
UniProt ID:	<u>Q8VCZ6</u>
Cytogenetics:	15 E1
Gene Summary:	May play a cooperative role in NF2-mediated growth suppression of cells.[UniProtKB/Swiss-Prot Function]