

Product datasheet for **SC319502**

SGSM3 (NM_015705) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SGSM3 (NM_015705) Human Untagged Clone
Tag:	Tag Free
Symbol:	SGSM3
Synonyms:	CIP85; MAP; RabGAP-5; RABGAP5; rabGAPLP; RUSC3; RUTBC3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_015705.4
TGGGGAAGCTGCTAACCCGACCCGGATTGGCGCTGAGGTGGCCCTGGGGCAGGGCAGAT
GATTCTGGACCAGATGAAGCCTGAGGAGCCTTCCAGCTCTAAGATAGCAGGATAGGAGAC
TTCTAAGATTGGAGCTGCAGAAGACTTGCCAGCCCACCAGCACAATGTCAGGAAGCCATA
CACCTGCCTGTGGCCCTTCTCAGCCCTGACTCCGAGCATATGGCCCCAGGAGATCTTGG
CCAAGTACACGCAGAAGGAAGAGTCAGCAGAGCAACCAGAGTTCTACTACGATGAGTTTG
GTTTCCGTGTGTACAAGGAAGAAGGTGATGAGCCTGGCTCCAGTCTGCTGGCGAATCCC
CTCTGATGGAGGATGCTCCACAGAGGCTGCGGTGGCAGGCCACCTGGAGTTCACCCATA
ACCACGATGTGGGGATCTCACCTGGGACAAGATTGCCGTCTCCCTACCCCGCTCTGAGA
AGCTCCGCTCCCTGGTGTGGCCGGCATCCCACATGGCATGAGGCCACAGCTGTGGATGC
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AGAACAGCTCCAACGATGAGACCATCGCTGCCAAGCAGATCGAGAAGGACCTGCTCCGCA
CCATGCCCAGCAACGCCTGCTTCGCCAGCATGGGTAGCATCGGGGTGCCCGCCTGCGCA
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TGGTGGCCGCTGCTCTGCTGTTCTGGAGGAGGAGGACGCCTTCTGGATGATGTCTG
CCATCATCGAGGACCTGCTCCCCGCTCCTACTTCAGCACCACCTGCTGGGTGTCCAGA
CTGACCAGCGGGTCTGCGCCACCTCATTGTCCAGTACCTGCCTCGCTGGACAAGCTGC
TCCAGGAGCATGACATTGAGCTGTCCCTGATCACACTGCACTGGTTTCTCACGGCCTTCG
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AGTCAGAGAACTCGCCTCCATCTTCAACACGCTATCGGATATCCCGTCGCAGATGGAGG
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TGGAGACTCAGCGCCGAAGCACCTGGCCTATCTCATTGCAGACCAGGGCCAGCTCCTGG
GGCCCGCACCCCTCACCAACCTCTCTCAGGTTGTTCCGCCAGGACCCAGCGGAGGAAGT
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TCAAGCAGACGGAAGTGGTGGCTGACCTCCGGGAAGCCATCCTGCGCGTGGCACGCCACT
TCCAGTGCACAGACCCCAAAAAGTGCAGCGTGGAGCTGACTCCAGACTATAGCATGGAGA
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AGGCCCTGCTGGACTTTGAGCGGCACGACGACGACGAGCTGGGCTTCCGCAAGAACGACA
TCATCACAATCGTGTCTCAGAAGGACGAGCACTGCTGGGTGGGGAGCTCAACGGCCTGC
GAGGCTGGTTTCCAGCCAAGTTCGTGGAAGTCTGGATGAGCGCAGCAAAGAGTACTCCA
TCGCGGGGGATGACTCGGTGACGGAGGGGTACAGACCTCGTGCAGGGACCCCTGTC
CGGCCCTTAAGGCCCTGTTTCAACATGGACTGAAGAAGCCATCCCTGCTTGGGGGCGCT
GCCACCCCTGGCTGTTTATCGAGGAGGCTGCAGGCCGGGAGGTGAGAGAGACTTTGCT
CCGTGATTTCCGCTGCTGTGCTGTGAAGACCTTCAGGTTGGATGAAGATGGCAAAGTCC
TGACCCCGGAGGAGCTGCTTACCGGGCTGTGCAGTCTGTGAACGTGACCCACGATGCAG
TGCATGCACAAATGGATGTGAAGCTCCGCTCACTGATCTGCGTGGGGCTCAATGAGCAGG
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GAGGGTACCCTGCCCCACCAGGGTCTTAGGGATGCTCTAGGCCAAACCACAGTTTGTAC
CAAAAACCTTGTGAGGAGGTGGGGAGCCATGTCTGTGCTCAGGAAGAGGGAAGGGGATG
GGGGTGGCTAGTAGGCTCCTGGCCTCTTGGTTTATAAATAAACTGTGTCTGTCTTGA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAA
    
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Restriction Sites:

Please inquire

ACCN:	NM_015705
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_015705.4</u> , <u>NP_056520.2</u>
RefSeq Size:	3004 bp
RefSeq ORF:	2250 bp
Locus ID:	27352
UniProt ID:	<u>Q96HU1</u>
Cytogenetics:	22q13.1
Domains:	TBC, SH3, RUN
Gene Summary:	<p>May play a cooperative role in NF2-mediated growth suppression of cells.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>