

## Product datasheet for **MC229149**

### Scml2 (NM\_001290651) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Scml2 (NM_001290651) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scml2
Synonyms:	4932420G07Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC229149 representing NM\_001290651  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGCAAACAGCGAATGAAGATCATTTTGGACTGGGACAAGTACTTGAAGAGACTGGATCGATAAGTG  
 CTCTTCTGAATATTTTCAGACAGTCTAAGACTCCACCACTAATGAATCAAATTTGGATGAAAATTTGGA  
 AGCCCGTGACCCTCGCAATATTGATTGGTGTGTGTTGCTTCGGTCATTGGAATTAAGGAGCCAGGTTA  
 CGTCTACGACTGGATGGTAGTACAATAAGAATGATTTTTGGAGACTTGTGGATTCATCAGACATAACAAC  
 CTGTTGGGACGTGAACAAGGAGGAGATTTACTTCAGCCTCCACTGGGGTACACACTGAATACTTCATC  
 ATGGCCCATGTTCTTACTACGTGTAATACTGGATCTGAACTGGCACCTGCAGTGTCTTTAAGGAGGAA  
 CCACCAGTCCACTCCAAAATAATTTATAGTTGGGATGAAGATTGAAGCTGTCGATAGAAAAATCCAT  
 TTATGATCTGCTGCCACAATTGGAGCTGTCTGTGGAGATCAACTTCATATCCTTTTGGATGGATGGAG  
 TGGAGCATTTGATTATTGGTGTGACTATGACTCCCGAGACATCTCCAGTTGGATGGTGTGCGCTCACA  
 GGAGATGTATTACAGCCACCAGGAAAAATTTGTTGAAAAAGACCAAGGCGCAAAAGAAGAACCAGACTAT  
 GGAGACTTAGAAGTCTCTTTTGGGAAATGAAGAAGAGGCCCCAGAAGCTGCAGAAGAACCTGGGACCAG  
 TGTACTTACTTTTGGAGATGAAAACAGAAGTGTGAAAGATTGCCGAGGAGAAGCTGCAGAAGAACCTGGG  
 ACCAGTGCATTTACTTTTGGAGATGAAAACAGAAGTGTGAAAGATTGCCAAGGAGGTTGGAAAAACCCA  
 AGGGCAGAGGATTCATCAAACCTGGAAAAGATGAAACCAGACCTGGGAAACATGACCAAGGAGCCCCAGC  
 TGGGAAAAACCCAGGGGAGAGGATTCACCCAACCTTTGGAAGATGAAGCCAGACCAGGAAGAGATGTC  
 CAAGTAGCCCCAGCTGAGAAAAACGCAAGGGCAAAACAGTCAACACCTTTGGACTGAGGATCCAGGAT  
 TTTTGCAGATCAAGGAGATGCCCGAGTGAAGAAAAACGCAAGGGCAAAACAGTCAACACCTTTGGAC  
 TGAGGATCCCAGACTTTTTCAGATCAAGGAGATGCCCGAGTGAAGAAAAACGCAAGGGCAAAACAGTCA  
 ACCACACCTTGGACTGAGGATCCCAGACTTTTTCAGATCAAGGAGCAGCCCCAGCTGAGAAAAACGCA  
 AGGGCAAAACAGTCAACACCTTGGACTGAGGATCCCAGACTTTTTCAGATCAAGGAGATGCCCGAGC  
 TGAGAAAAACGCAAGGGCAAAACAGTCAACACCTTGGACTGAGGATCCCAGACTTTTTCAGATCAA  
 GGAGATGCCCGAGCTGAGAAAAACGCAAGGGCAAAACAGTCAACACCTTGGACTGAGGATCCCAGAC  
 TTTTTCAGATCAAGGAGCAGCCCCAGCTGAGAAAAACGCAAGGGCAAAACAGTCAACACCTTGGAC  
 TGAGGATCCCAGACTTTTTCAGATCAAGGAGATGCCCGAGTGAAGAAAAACGCAAGGGCAAAACAGTCA  
 ACCACACCTTGGACTGAGGATCCCAGACTTTTTCAGATCAAGGAGATGCCCGAGTGAAGAAAAACCCA  
 AGGGCAAAAGAGTCAACAAATCTCGGAAAGACCAAGCCAGTTTTTAGCTGATGAAGAAGCAATGCCAGC  
 TCTTTTTTCAGCTCTTAGTGTGAGCAGTACAGAGAGAACCACCTTCTCTCTGAACAACCAAAGTCT  
 TCTACCTCTGGGAAAACAAAATCCACCTTAGAGGGGCTCAAACCTCAAGGAAGTCTCCACGGAAAAACA  
 GTGTTGTGCAACCAAGTACCAAGACCAGCAAGAAAGCAGGAAAACTAAGTCTACTGGAAATCTTCATC  
 CCCTAAGAAGGGCATTACTATTAATTTGTCTACCAAGAAAAAGGGTGGAAAGTCTGGAAAAAGGAA  
 AAAAGTATTCCAGTATTTCTTCTACATCTTCAGCTTCTTAAAGTACACTGATGAAAAGTCTTCATCTA  
 ATAAGACTTCTGCGGGCCATCTAAAATAGTGATGTCTACAGTTTGTGTATATAAATAAATGAGGAG  
 TTGTGGCCCTTCTGGATCCACAGAAGGTTTCAGCAGTACCTAACCACTTCGGTCCAGGCCCTGTGAAT  
 GTATTCTCCAGCGGACTGTGCAGGCCTGTGCAATTGTGCTTTCAGGCAAGGATGTGTTCTATTTTC  
 TTAACACAGATAATAGAGGAGGAGAAATGATAACTGCCTTCTTTGATGGGAAAGTTCATACTGTTACGT  
 CCCTCCAGTGAATAGTGATCATTTGCACTTCGCTTTCTTGAATTTCTGCCAAGCCTGCAGTGTGAT  
 AACTTTTTGAGTAGCCAGCCTTTCAGACGTGAGGCTCAAGTTCCTACCCAGATACAGGCACTGATCAAA  
 GCAACACAGAAAATGGGGAACCAAGGAAAGAGAAGCCTCAAACGATTGTCTCTGCATCTCATCGTTC  
 TGCTCTGTCTCATCTAAGGTTCCAGAAAGTCTGGGCAAGCGTCTAAAGGAAAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul  
 ACCN: NM\_001290651

<b>Insert Size:</b>	2718 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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><a href="#">NM_001290651.1</a></u> , <u><a href="#">NP_001277580.1</a></u>
<b>RefSeq Size:</b>	4881 bp
<b>RefSeq ORF:</b>	2718 bp
<b>Locus ID:</b>	107815
<b>Cytogenetics:</b>	X F4