

Product datasheet for **MC229035**

Scml2 (NM_001290652) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scml2 (NM_001290652) 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: >MC229035 representing NM_001290652
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCAAACAGCGAATGAAGATCATTTTGGACTGGGACAAGTACTTGAAGAGACTGGATCGATAAGTG
 CTCTTCTGAATATTTTCAGACAGTCTAAGACTCCACCACTAATGAATCAAATTTGGTATGAAATTTGGA
 AGCCCGTGACCCTCGCAATATTGATTCGGTGTGTGTTGCTTCGGTCATTGGAATTAAGGAGCCAGGTTA
 CGTCTACGACTGGATGGTAGTACAATAAGAATGATTTTTGGAGACTTGTGGATTCATCAGACATAACAAC
 CTGTTGGGACGTGTGAACAAGGAGGAGATTTACTTCAGCCTCCACTGGGGTACACACTGAATACTTCATC
 ATGGCCCATGTTCTTACTACGTGTACTAAGTGGATCTGAACTGGCACCTGCAGTGTCTTTAAGGAGGAA
 CCACCAGTCCACTCCAAAATAATTTCATAGTTGGGATGAAGATTGAAGCTGTCGATAGAAAAATCCAT
 TTATGATCTGCTGCCACAATTGGAGCTGTCTGTGGAGATCAACTTCATATCCTTTTGGATGGATGGAG
 TGGAGCATTTGATTATTGGTGTGACTATGACTCCCGAGACATCTCCAGTTGGATGGTGTGCCTCACA
 GGAGATGTATTACAGCCACCAGGAAAAATTTGTTGAAAAAGACCAAGGCGCAAAGAAAGAACCCAGACTAT
 GGAGACTTAGAAGTCTCTTTTGGGAAATGAAGAAGAGGCCCCAGAAGCTGCAGAAGAACCTGGGACCAG
 TGTACTTACTTTTGGAGATGAAAACAGAAGTGTGAAAGATTGCCGAGGAGAAGCTGCAGAAGAACCTGGG
 ACCAGTGCATTTACTTTTGGAGATGAAAACAGAAGTGTGAAAGATTGCCAAGGAGTTGGAAAAACCCA
 AGGGCAGAGGATTCATCAAACCTGGAAAAGATGAAACCAGACCTGGGAAACATGACCAAGGAGCCCCAGC
 TGGGAAAAACCCAGGGCAGAGGATTCACCCAACCTTTGGAAGATGAAGCCAGACCAGGAAGAGATGTC
 CAAGTAGCCCCAGCTGAGAAAAACGCAAGGGCAAAACAGTCAACACACCTTGGACTGAGGATCCCAGAC
 TTTTTCAGATCAAGGAGATGCCCCAGCTGAGAAAAACGCAAGGGCAAAACAGTCAACACACCTTGGACT
 TGAGGATCCCAGACTTTTTCAGATCAAGGAGCAGCCCCAGCTGAGAAAAACGCAAGGGCAAAACAGTCA
 ACCACACCTTGGACTGAGGATCCCAGACTTTTTCAGATCAAGGAGATGCCCCAGCTGAGAAAAACGCA
 AGGGCAAAACAGTCAACACACCTTGGACTGAGGATCCCAGACTTTTTCAGATCAAGGAGATGCCCCAGC
 TGAGAAAAACGCAAGGGCAAAACAGTCAACACACCTTGGACTGAGGATCCCAGACTTTTTCAGATCAA
 GGAGCAGCCCCAGCTGAGAAAAACGCAAGGGCAAAACAGTCAACACACCTTGGACTGAGGATCCCAGAC
 TTTTTCAGATCAAGGAGATGCCCCAGCTGAAAAAAACCCAAGGGCAAAAGAGTCAACAAATCTCGGAA
 AGACCAAGCCCAGTTTTAGCTGATGAAGAAGCAATGCCAGCTCTTAGTGTGAGCAGTACAGAGAGAACA
 CCACCTTCTTCTCTGAACAACCAAGTCTTCTACCTCTGGGAAAAACAAATCCACCTCTAGAGGGGCTC
 AAACCTCAAGGAAGTCTCCACGGAAAAACAAGTGTGTGCAACCAGTACCAAAGACCAGCAAGAAAGCAGG
 AAAATCTAAGTCTACTGGAAATCTTATCCCCTAAGAAGGGCATTACTATTAATTTGCTCTACCAAAG
 AAAAAGGGTGGAAAGTCTGGAAAAAGGAAAAAGTATCCAGTTATTTCTTCTACATCTTCAGCTTCTT
 TAAGTACTGATGAAAAGTTCTTATCTAATAAGACTTCTGCGGGGCCATCTAAAATAGTGATGTCTAC
 AGTTTGTGTGATATAAATAAACATGGAGATTGTGGCCCTTCTGGATCCACAGAAGGTTCCAGCAGCTA
 CCTAACCACTTCGGTCCAGGCCCTGTGAATGTCATTCTCCAGCGGACTGTGCAGGCCTGTGTCAATTGTG
 CCTTTCAGGCCAAGGATGTGTTTCTATTTCTTAAAACAGATAATAGAGGAGGAGAAATGATAACTGCCTT
 CTTTGATGGGAAAGTTCATACTGTTTCAGCTCCCTCCAGTGAATAGTGCATCATTTGCATTCGCTTCTT
 GAAAAATTTCTGCCAAAGCCTGCAGTGTGATAACTTTTTGAGTAGCCAGCCTTTCAGACGTGAGGCTCAAG
 TTCTACCCAGATACAGGCACTGATCAAAGCAAACCAGAAAAATGGGAAACCAAAGGAAAAAGAGAAGCCT
 CAAACGATTGTCTCTGCATCCTCATCGTTCTGCTCCTGTCTCATTAAGGTTCCAGAAAGTCTGGGCAA
 CGCTCAAAGGAAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001290652
 Insert Size: 2538 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001290652.1, NP_001277581.1</u>
RefSeq Size:	4701 bp
RefSeq ORF:	2538 bp
Locus ID:	107815
Cytogenetics:	X F4