

Product datasheet for **MC222479**

Scml2 (NM_133194) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scml2 (NM_133194) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scml2
Synonyms:	4932420G07Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222479 representing NM_133194
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGGCAAACAGCGAATGAAGATCATTTTACTGGGACAAGTACTTGAAGAGACTGGATCGATAAGTG
 CTCTTCTGAATATTTTCAGACAGTCTAAGACTCCACCACTAATGAATCAAATTTGGTATGAAATTTGGA
 AGCCCGTGACCCTCGCAATATTGATTCGGTGTGTGTTGCTTCGGTCATTGGAATTAAGGAGCCAGGTTA
 CGTCTACGACTGGATGGTAGTGAACAATAAGAATGATTTTTGGAGACTTGTGGATTCATCAGACATAACA
 CTGTTGGGACGTGTGAACAAGGAGGAGATTTACTTCAGCCTCCACTGGGGTACACACTGAATACTTCATC
 ATGGCCCATGTTCTTACTACGTGTAATACTGGATCTGAACTGGCACCTGCAGTGTCTTTAAGGAGGAA
 CCACCAGTCCACTCCAAAATAATTTATAGTTGGGATGAAGATTGAAGCTGTCGATAGAAAAATCCAT
 TTATGATCTGCTGCCACAATTGGAGCTGTCTGTGGAGATCACTTCATATCCTTTTGGATGGATGGAG
 TGGAGCATTTGATTATTGGTGTGACTATGACTCCCGAGACATCTCCAGTTGGATGGTGTGCGCTCACA
 GGAGATGTATTACAGCCACCAGGAAAAATTTGTTGAAAAAGACCAAGGCGCAAAAGAAGAACCCAGACTAT
 GGAGACTTAGAAGTCTCTTTTGGGAAATGAAGAAGAGGCCCCAGAAGCTGCAGAAGAACCTGGGACCAG
 TGTACTTACTTTTGGAGATGAAAACAGAAGTGTGAAAGATTGCCGAGGAGAAGCTGCAGAAGAACCTGGG
 ACCAGTGCATTTACTTTTGGAGATGAAAACAGAAGTGTGAAAGATTGCCAAGGAGGTTGGAAAAACCCA
 AGGGCAGAGGATTCATCAAACCTGGAAAAGATGAAACCAGACCTGGGAAACATGACCAAGGAGCCCGCAGC
 TGGGAAAAACCCAGGGGAGAGGATTCACCCAACCTTTGGAAGATGAAGCCAGACCAGGAAGAGATGTC
 CAAGTAGCCCGAGCTGAGAAAAACGCAAGGGCAAAACAGTCAACACCTTTGGACTGAGGATCCAGAGC
 TTTTTCAGATCAAGGAGATGCCCCAGCTGAGAAAAACGCAAGGGCAAAACAGTCAACACCTTTGGACT
 TGAGGATCCCAGACTTTTTGCAGATCAAGGAGATGCCCCAGCTGAGAAAAACGCAAGGGCAAAACAGTC
 ACCACACCTTGGACTGAGGATCCCAGACTTTTTGCAGATCAAGGAGCAGCCCGAGCTGAGAAAAACGCA
 AGGGCAAAACAGTCAACACCTTGGACTGAGGATCCCAGACTTTTTGCAGATCAAGGAGATGCCCCAGC
 TGAGAAAAACGCAAGGGCAAAACAGTCAACACCTTGGACTGAGGATCCCAGACTTTTTGCAGATCAA
 GGAGATGCCCCAGCTGAGAAAAACGCAAGGGCAAAACAGTCAACACCTTGGACTGAGGATCCCAGAC
 TTTTTCAGATCAAGGAGCAGCCCGAGCTGAGAAAAACGCAAGGGCAAAACAGTCAACACCTTGGAC
 TGAGGATCCCAGACTTTTTGCAGATCAAGGAGATGCCCCAGCTGAGAAAAACGCAAGGGCAAAACAGTC
 ACCACACCTTGGACTGAGGATCCCAGACTTTTTGCAGATCAAGGAGATGCCCCAGCTGAAAAAAACCCA
 AGGGCAAAAGAGTCAACAAATCTCGGAAAGACCAAGCCAGTTTTTAGCTGATGAAGAAGCAATGCCAGC
 TCTTAGTGTGAGCAGTACAGAGAGAACCACCTTCTTCTCTGAACAACCAAAGTCTTCTACCTCTGGG
 AAAACAAATCCACCTCTAGAGGGGCTCAAACCTCAAGGAAGTCTCCACGGAAAAACAAGTGTGTGCAAC
 CAGTACCAAAGACCAGCAAGAAAGCAGGAAAAATCTAAGTCTACTGGAAATCTTTCATCCCCTAAGAAGGG
 CATTACTATTAATTTGCTCTACCAAAGAAAAAGGGTGGAAAGTCTGGAAAAAGGAAAAAGTATTCCA
 GTTATTTCTTCTACATCTCAGCTTCTTTAAGTACTGATGAAAAGTCTTCTCATCTAATAAGACTTCTG
 CGGGCCATCTAAAATAGTGTGTCTACAGTTTGTGTATATAAATAACATGGAGATTGTGGCCCTT
 CCTGGATCCACAGAAGGTTTCAGCAGTACCTAACCCTTCGGTCCAGCCCTGTGAATGTCATTCTCCAG
 CGGACTGTGCAGGCTGTGTCAATTGTGCCTTTTCAGGCAAGGATGTGTTCTATTTCTTAAACAGATA
 ATAGAGGAGGAGAAATGATAACTGCCTTCTTGTGGGAAAGTTCATACTGTTTCAGCTCCCTCCAGTGAA
 TAGTGCATCATTTGCACTTCGCTTTCTTGAATTTCTGCAAAGCCTGCAGTGTGATACTTTTGTGAGT
 AGCCAGCCTTTCAGAGCTGAGGCTCAAGTTCCTACCCAGATACAGGCACTGATCAAAGCAAACAGAAA
 ATGGGGAACCAAAGGAAAAAGAGAAGCCTCAAACGATTGTCTCTGCATCCTCATGTTCTGCTCCTGTCTC
 ATCTAAGGTTCCAGAAAGTCTGGGCAAGCGTCTAAAGGAAAT TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_133194

Insert Size:	2706 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_133194.3</u> , <u>NP_573457.3</u>
RefSeq Size:	4847 bp
RefSeq ORF:	2706 bp
Locus ID:	107815
Cytogenetics:	X F4