

Product datasheet for **MC220876**

Scml2 (BC056382) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scml2 (BC056382) 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: >BC056382
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGCAAACAGCGAATGAAGATCATTTTACTGGGACAAGTACTTGAAGAGACTGGATCGATAAGTG
 CTCCTTCTGAATATTTTCAGACAGTCTAAGACTCCACCACTAATGAATCAAATTTGGTATGAAATTTGGA
 AGCCCGTGACCCTCGCAATATTGATTGGTGTGTGTTGCTTCGGTCATTGGAATTAAGGAGCCAGGTTA
 CGTCTACGACTGGATGGTAGACAATAAGAATGATTTTTGGAGACTTGTGGATTCATCAGACATAACAAC
 CTGTTGGGACGTGAACAAGGAGGAGATTTACTTCAGCCTCCACTGGGGTACACACTGAATACTTCATC
 ATGGCCCATGTTCTTACTACGTGTAAGTACTGGATCTGAACTGGCATCTGCAGTGTCTTTAAGGAGGAA
 CCACCAGTCCACTCCAAAATAATTTATAGTTGGGATGAAGATTGAAGCTGTCGATAGAAAAATCCAT
 TTATGATCTGTCCTGCCACAATTGGAGCTGTCTGTGGAGATCAACTTCATATCCTTTTGGATGGATGGAG
 TGGAGCATTTGATTATTGGTGTGACTATGACTCCCGAGACATCTCCAGTTGGATGGTGTGCCTCACA
 GGAGATGTATTACAGCCACCAGGAAAAATTTGTTGAAAAAGACCAAGGCGCAAAGAAGAACCCAGACTAT
 GGAGACTTAGAACTGCTCTTTTGGGAAATGAAGAAGAGGCCCCAGCTGCAGAAGAACCTGGGACCAGTGT
 ACTTACTTTTGGAGATGAAAACAGAACTTTGAAAGATTGCCGAGGAGAAGCTGCAGAAGAACCTGGGACC
 AGTGCATTTACTTTTGGAGATGAAAACAGAACTTTGAAAGATTGCCAAGGAGGTTGGAAAAACCCAAGG
 GCAGAGGATTCATCAAACCTGGAAAAGATGAAACCAGACTGGGAAACATGACCAAGGAGCCCGACTGG
 GAAAAACCCAGGGCAGAGGATTCACCAACCTTTGGAAGATGAAGCCAGACCAGGAAGAGATGTCAA
 GTAGCCCCAGCTGAGAAAAACGCAAGGGCAAAACAGTCAACACCTTTGGACTGAGGATCCCAGACTTT
 TTGCAGATCAAGGAGATGCCCCAGCTGAGAAAAACGCAAGGGCAAAACAGTCAACACCTTTGGACTGA
 GGATCCCAGACTTTTTCAGATCAAGGAGATGCCCCAGCTGAGAAAAACGCAAGGGCAAAACAGTCAAC
 ACACCTTTGGACTGAGGATCCCAGACTTTTTGCAGATCAAGGAGCAGCCAGCTGAGAAAAACGCAAGG
 GCAAAACAGTCAACACCTTTGGACTGAGGATCCCAGACTTTTTGCAGATCAAGGAGATGCCCCAGCTGA
 GAAAAACGCAAGGGCAAAACAGTCAACACCTTTGGACTGAGGATCCCAGACTTTTTGCAGATCAAGGA
 GATGCCCCAGCTGAGAAAAACGCAAGGGCAAAACAGTCAACACCTTTGGACTGAGGATCCCAGACTTT
 TTGCAGATCAAGGAGCAGCCCGACTGAGAAAAACGCAAGGGCAAAACAGTCAACACCTTTGGACTGA
 GGATCCCAGACTTTTTGCAGATCAAGGAGATGCCCCAGCTGAGAAAAACGCAAGGGCAAAACAGTCAAC
 ACACCTTTGGACTGAGGATCCCAGACTTTTTGCAGATCAAGGAGATGCCCCAGCTGAAAAAACCCAAGG
 GCAAAAGAGTCACAAATCTCGAAAGCAAGCCAGTTTTTAGCTGATGAAGAAGCAATGCCAGCTCT
 TTTTTCAGCTCTTAGTGTGAGCAGTACAGAGAGAACACCACCTTCTTCTCTGAACAACCAAGTCTTCT
 ACCTCTGGGAAAACAAAATCCACCTCTAGAGGGGCTCAAACCTCAAGGAAGTCTCCACGGAAAAACAAGTG
 TTGTGCAACCAAGTACCAAGACCAGCAAGAAAGCAGGAAAATCTAAGTCTACTGGAATACTTCATCCCC
 TAAGAAGGGCATTACTATTAATTTGTCCTACCAAGAAAAAGGGTGGAAAGTCTGGAAAAAAGGAAAA
 AAGTATCCAGTTATTTCTTCTACATCTTCAGCTTCTTTAAGTACTGATGAAAAGTCTTCTCATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC056382
Insert Size: 2169 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>BC056382</u> , <u>AAH56382</u>
RefSeq Size:	3890 bp
RefSeq ORF:	2168 bp
Locus ID:	107815
Cytogenetics:	X F4