

Product datasheet for **MC214258**

Scml4 (NM_172938) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Scml4 (NM_172938) Mouse Untagged Clone
Tag: Tag Free
Symbol: Scml4
Synonyms: 9330161D17; mFLJ00197
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214258 representing NM_172938
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGACACAGAGGGTCCAGGGAGGAAACGTGGCCGGCCTCCACTTCACTCCACACGGGTGCAGATGG
CCGTCCATAACCTCTATTCTGCTTCTGCTGCCTCTGTGCCAGCAGTGACAATCCCAAAGAAGAGAGGACG
GAAGCCCAGGTACAAGATCAAGTCTCCAGTGCTCATGACTCCCTTGGCCCTGTCACCTCCACGGAGTACC
CCGGAACCCGATCTCAGCTCCATCCCTCAGGATGCAGCCACCATTCCAGCCTGGTGGTCCAGAGGCTC
TCACAGTATGCCTCTACATAAAACAACAGGCCGATGTGGGGCCGTACCTGGAGAGGAGGAAGCTACAGCA
GCTTCCGGAGCGCCTGGGACCTGAGCGGCCGCCACCGTCTGCAGCAGGCGGTGCAAGCATGCATCGAT
TGTGCGCACCCAGCCTCGGCTGGTCTTCTCCCTCGTCAAGCAGGGATACCGAGGCGAGCTGGTGTGCTGCT
CTGCTTCCCTCGATGAAAGCAGCACTTGGAGTCTGCCTGTGGTGAACAGTGTGGGCTATGCTCTCCG
TTTCTGACCAAACCTGTGCCGACGCTCCTGTGTGACAACCTCTCAGCCACCTGCCTTTTCCCGGGAGC
ATCGGCGCCTCTGACAAGGCGCAGGAGAGAGAGGATGGGAGGACTGAGTCAGCCAAGGTAGCCACGGCTG
AAGAGTGTCTGGCAAACGCAGTGGCATGAACCGCTACGCCATGGACTTTAGCCACAGGGCTCCGTAAC
CCACTTTCCTCACTGTACAAGAGGCTGACCTGCGGAGACAGCCACCTTGCAGGAGGCCCGCCACCAACC
ACCAGTGGTTCCCGCACCAACCTGTTCCCTCTGGAGTTCGTCGTCACCTGGACTGAGGCTGCCAGCCT
CCAGCCCCAAGAGGAATGGAACAGCCATCGAAGGAAACAGATGTGCCCGAGCCCTCTCCGGAGGTGCA
GGATACCAGGCGACCAAGCAGCAGAAACCTTCTACCTGGACCGTGGAGGACGTGGTCCGGTTTGTGAAA
GATGCTGATCCCAGGCTCTGGACCTCATGTGGAGCTTTCAGAAAGCACGAGATTGATGGCAATGCCT
TGTTGTTGCTGAGGAGCGACATGATCATGAAGTACCTGGGACTGAAGCTGGGACCCGCACTGAAACTCTG
CTATCACATTGACAAGCTAAAGCAAGCTAAATTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_172938
Insert Size:	1227 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:	NM_172938.3 , NP_766526.3
RefSeq Size:	4745 bp
RefSeq ORF:	1227 bp
Locus ID:	268297
UniProt ID:	Q80VG1
Cytogenetics:	10 B2
Gene Summary:	Putative Polycomb group (PcG) protein. PcG proteins act by forming multiprotein complexes, which are required to maintain the transcriptionally repressive state of homeotic genes throughout development (By similarity).[UniProtKB/Swiss-Prot Function]