

Product datasheet for **SC123393**

SCML4 (NM_198081) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCML4 (NM_198081) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCML4
Synonyms:	dj47M23.1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_198081 edited
 ATAACCTTTATTCTGCTTCAGCTGGCTCTTTACCAGCAGTGAAGATCCCAAAGAAAAGAG
 GGCGAAACCCGGGTACAAGAAACCTAAGGCAACAACAAAGACAAATGCCCTGCCAGAGA
 ACAGCTTGGATAGGTTGCGACAGGCAGAGAACCCCCCATTCCACTGGAGAGAGATCAAG
 TCTCGGTTCTCATGACTCCCTTAGCCCTCTCACCTCCGCGGAGTACCCAGAGCCCGAC
 CTCAGCTCCATCCCTCAGGACGCAGCCACGGTCCCCAGCTTGGCGGCCCCACAGGCTCTC
 ACAGTCTGCCTCTACATCAACAAGCAGGCCAATGCGGGGCCCTATCTGGAGAGGAAGAAG
 GTGCAGCAGTCCCGGAGCATTGTTGGGCCGAGCGGCCATCGGCGGTGCTGCAGCAGGCC
 GTCCAAGCCTGCATCGACTGCGCCACCAGCAGAAGCTGGTCTTCTCCCTGGTCAAGCAG
 GGCTATGGTGGTGAATGGTGTCTCGGCTTCTTTGATGGCAAACAGCACCTGCGG
 AGCCTGCCTGTGGTGAACAGCATCGGCTATGTCCTCCGCTTCTCGCAAAGCTGTGCCGA
 AGCCTCCTGTGCGATGACCTCTTCAGCCACCAGCCCTTCCCCAGGGGCTGCAGTGCCTCT
 GAGAAAGTCCAGGAGAAAGAGGAAGGGAGGATGGAATCAGTCAAGACAGTCAACACCGAA
 GAGTACCTGGTGAACCTGTGGCATGAACCGCTACAGCGTGGACACCTCCGCTCCACC
 TTTAACACAGGGGCTCCTTGCACCCCTCTCCTCGCTGTACTGCAAGAGGCAGAACTCT
 GGAGACAGCCACCTTGGGGGTGGTCTGCTGCCACCGCTGGTGGTCCCCGCACTAGCCCC
 ATGTCTTCTGGTGGCCCCCTCGGCACCTGGGCTGAGGCCTCCAGCCTCCAGCCCCAAGAGA
 AACACGACCTCTCTTGAAGGAAACAGATGTGGTAATGTAATGCATGCATCAGTTCACAC
 TGACTTAACATCCCTTGCCTTTCGCGGGGAGCACAGCATCTGGGGAAGGGGAGTGTGG
 CTGTTTAAACGTGGGACTGCTGGGAGATCAGAAATTTCCACAAGTCTTTTCATGGATCTT
 GAGGTTCTCAAAACAGCCAACTCAACCTTTGATAAGCAAAGAAAATCGTGATTAGGG
 CAGGCTAGGCCACAGGATACGTAGACTCCAAAATGTACACAGGCTCAAATACCATAGAAA
 TTTTGTTCGAGAGCCAAAGGTGAATGTTCTGATTTCATGGATGCATCTCAATATAGGGA
 CATAGGCTCCATCTATTTTGTGGCTCTGCCACCCCTCTACAGCCTTCATGCCCCATGCATT
 AGGGAATAGAAAGGGAAGAAAGGTGTGGAGAAGACACAGGTGCTTCCCTGCAATCTGAAA
 GTGATGCTCATCACTTCCACTCACATCTCATTGGCAAAGCTGGTCATTTTGCACACTT
 AACCATAGGGACTCTGGAAGCTGTAGGTTAGCTCTGCCAGGAGAAAGGAGAACCAGAC
 CTTGGTAAAGAATTGTCTCTTGATAGGAAGTGTACCTTCAGGATACAAATACATGAGC
 AGAGGCAGAGTTAGGCAAAATCCCCCAATGCTGGTTGTAATGCCACTTCTGTCTCATCC
 ACTAAAGAAAGCTTGTGGAATGCAGTCTACAAAAGCGCTATAAGGGCTAAAGGATTATA
 GTAATAGCTTGAAGGCCCTTCTGATTGATGTTTTAAAAAATCATTTTCAAGCTTCAGTAT
 TTTGATAGTGCCTAAAGGCCATAGAGTATAGTGGATAATCACTGGGACTAGAGCCAGACA
 GCCTGGGCTGAGATGCTGGATCTGCTGCTTCTGCCTACCTTTTGCAAGTCTTAACCTAC
 CTGTGCTTCAGTTTCTCACCTATAAAATTGTGATAATAATAATGGCAGCCTTGATTTC
 TAGGTTTGTCCCCAGTGTAGCTTAATATCTGGCATGTGGTAGGTGTTCAATAAACATGC
 ATCATGTCTGTGCCCAA
 AA

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_198081 unedited <pre>GGTTTGGATTTGTATACGACTCATATAGGCGGCCGACGATTCCCAGGATATCGTCGACCC ACGCGTCCGATAACCTTTATTCTGCTTCAGCTGGCTCTTTACCAGCAGTGAAGATCCCAA AGAAAAGAGGGCGGAAACCCGGGTACAAGAAACCTAAGGCAACAACAAAGACAAATGCC TGCCAGAGAACAGCTTGGATAGGTTGCGACAGGCAGAGAACCCCCCATTCCACTGGAGA GAGATCAAGTCTCGGGTTCTCATGACTCCCTTAGCCCTCTCACCTCCGCGGAGTACCCCA GAGCCCCACCTCAGCTCCATCCCTCAGGACGACGCCACGGTCCCAGCTTGGCGGCCCA CAGGCTCTCACAGTCTGCCTCTACATCAACAAGCAGGCCAATGCGGGGCCCTATCTGGAG AGGAAGAAGGTGACGAGCTCCCGGAGCATTCTTGGGCCCGAGCGGCCATCGGCGGTGCTG CAGCAGGCCGTCCAAGCCTGCATCGACTGCGCCACCAGCAGAAGCTGGTCTTCTCCCTG GTCAAGCAGGGCTATGGTGGTGAGATGGTGTAGTCTCGGCTTCTTTGATGGCAACAG CACCTGCGGAGCCTGCCTGTGGTGAACAGCATCGGCTATGTCTCCGCTTCTCGCCAAG CTGTGCCGAAGCCTCCTGTGCGATGACCTCTTCAGCCACCAGCCCTTCCCAGGGGCTGC AGTGCCTCTGAGAAAGTCCAGGAGAAGAGGAAGGAGGATGGAATCAGTCAAGACAGTCAC CACCGAAGAGTACCTGGTGAACCCTGTGGGCATGAACCGCTACAGCGTGGACACCTCCGG CCTCCACCTTTAACACAGGGGCTNCTTGACCCCTCCTNCTCGTGTACTGCAAGAGCAG AACTCTGGAGACAGCCACCTTGGGGTG</pre>
Restriction Sites:	Please inquire
ACCN:	NM_198081
Insert Size:	2159 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:	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_198081.1 , NP_932347.1
RefSeq Size:	2159 bp
RefSeq ORF:	918 bp
Locus ID:	256380
UniProt ID:	Q8N228
Cytogenetics:	6q21

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]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.