

Product datasheet for SC317662

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)
Fully Sequenced ORF:	>OriGene sequence for NM_198081 edited ATGCAGTCTCAAAGGATCCCGGGGAGAAAGCGAGGCCGACCTCACTTCACTCCACGCCT ATGAAGATGGCAGTTTCATAACCTTTATTCTGCTTCAGCTGGCTCTTACCAGCAGTGAAG ATCCCAAAGAAAAGAGGGCGGAAACCCGGGTACAAGATCAAGTCTCGGGTTCTCATGACT CCCTTAGCCCTCTCACCTCCGCGGAGTACCCAGAGCCCGACCTCAGCTCCATCCCTCAG GACGCAGCCACGGTCCCCAGCTTGGCGGCCCCACAGGCTCTCACAGTCTGCCTCTACATC AACAAAGCAGGCCAATGCGGGGCCCTATCTGGAGAGGAAGAAGGTGCAGCAGCTCCCGGAG CATTTTGGGCCCAGCGGCCATCGGCGGTGCTGCAGCAGGCCGTCCAAGCCTGCATCGAC TCGCGCCACCAGCAGAAGCTGGTCTTCTCCCTGGTCAAGCAGGGCTATGGTGGTGAGATG GTGTCAGTCTCGCTTCCTTTGATGGCAAACAGCACCTGCGGAGCCTGCCTGTGGTGAAC AGCATCGGCTATGTCCTCCGCTTCTCGCCAAGCTGTGCCGAAGCCTCCTGTGCGATGAC CTCTTCAGCCACCAGCCCTTCCCCAGGGGCTGCAGTGCCTCTGAGAAAGTCCAGGAGAAA GAGGAAGGGAGGATGGAATCAGTCAAGACAGTCACCAACGAAGAGTACCTGGTGAACCTT GTGGGCATGAACCGCTACAGCGTGGACACCTCCGCCTCCACCTTTAACCAAGGGGCTCC TTGCACCCCTCCTCGCTGTACTGCAAGAGGCAGAACTCTGGAGACAGCCACCTTGGG GGTGGTCTGCTGCCACCGCTGGTGGTCCCCGCACTAGCCCCATGTCTTCTGGTGGCCCC TCGGCACCTGGGCTGAGGCCTCCAGCCTCCAGCCCAAGAGAAACACGACCTCTCTTGAA GGAAACAGATGTGCCTCAAGCCCTTCTCAGGATGCGCAGGATGCCAGGCGGCCACGGAGC AGGAACCCCTCCGCCTGGACTGTGGAGGACGTGGTGTGGTTTGTGAAGGACGCCGACCCA CAGGCTCTGGGGCCTCAGTGGAGCTCTTCAGAAAGCACGAGATTGATGGCAACGCTCTG CTGTTGTGAAGAGTGACATGGTCATGAAGTACCTGGGCCTGAAGCTGGGACCTGCACTG AACTCTGCTACCACATTGACAACTGAAGCAAGCCAAGTTCTGA
Restriction Sites:	Please inquire
ACCN:	NM_198081
Insert Size:	1200 bp


[View online »](#)

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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_198081.3 , NP_932347.2
RefSeq Size:	4540 bp
RefSeq ORF:	1245 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.