

Product datasheet for **MC220249**

Scmh1 (NM_013883) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scmh1 (NM_013883) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scmh1
Synonyms:	AI315320; AI851618; Scml1; Scml3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220249 representing NM_013883
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGTTTGCTACAGTGTGTTAGCTTGTGAGAGTCTCTGGACCTTCCCTGCTCCATCATGGGGTAC
 CTCTAGGTCATTTTACCTGGGACAAATACCTAAAAGAAACATGTTTCAGTCCCAGCGCCTGTCCATTGCTT
 CAAGCAGTCTACACACCTCCAAGTAATGAGTTCAAGATCAGCATGAAATTGGAAGCACAGGATCCCAGG
 AACACCACATCCACCTGTATTGCCACGGTCTGGATTGACAGGTGCCGACTTCGTCGCGCTTGATG
 GCAGTGACAACAAGAATGACTTCTGGAGACTGGTTGACTCCTCTGAAATCCAGCCAATTGGAAACTGTGA
 GAAGAATGGCGGGATGCTGCAGCCCCCTAGGATTTGGCTGAATGCCTCCTCTGGCCCATGTTCTT
 TTGAAGACTAAATGGAGCAGAGATGGCTCCCATCAAGATTTCCATAAGGAGCCACCACACCTTCCC
 ACAACTTCTTCAAATGGGAATGAAGTTAGAAGCTGTAGACAGAAAGAACCTCATTTCATTGGCCAGC
 CACTATTGGAGAAGTTGAGGCGCAGAAGTGTAGTACCTTTGATGGGTGGCGAGGCGCATTGACTAC
 TGGTGGCGCTTTGACTCCCGGGACATCTTCTGTGGGCTGGTGTCTTTGACTGGAGATAACCTGCAGC
 CACCTGGCACAAAGTTGTGATTCAAAGAATCCGTCCCCTTCATCTGATGTGAGCACTGAGAAGCCAG
 CATCCACAGCACCAAACTGTCTTGAGCATCAGCCAGGGCAGAGGGGCCGAAACCAGGAAAGAAGCGG
 GGCCGAACACCCAAGATCCTTATCCCCATCCCACCTCTACCCATCCAAGTCAGCTGAACCTTTGAAAT
 TTCAAAGAAGAGAGGTCCCAAGCTGGCAGTAAGAGGAAACCTCGGACTTTGCTGAGCCCACCCAC
 CTCACCAACAACCAGCACCCCTGAACGGACACCAGCACTGTTCTCAAGATGCTGCCACCGTCCAAGT
 TCAGCCATGCAGGCCCCACAGTTGTATCTACTTGAACAAGAGCGGCAGCACGGGCCCCACCTGGATA
 AGAAGAAGATCCAACAACCTCCCTGACCATTTGGGCCAGCCCGTCTGTGGTGTGCAGCAGGCTGT
 CCAGGCTTGCACTGTGCTTATCACCAGAAAACGTCTTCAGCTTCCCAAACAGGGCCACGGCGGT
 GAAGTCATTTAGCCGTGTTGACCAGGAAACAGCACACTCTGAACCTCCCAGCAGTCAACAGCATACCT
 ATGTCCTCCGTTTCTGGAGAAGCTCTGCCACAACCTTGAAGTGACAATCTGTTTGGCAACCAGCCCTT
 TACACAGACTCACTTATCACTACTGCCACAGAGTATAATCACAACCAGCAGGTACCTACCAGGTGAA
 ACCTTTGCTGGGGAATAGCCTGGCCCGTCTTGGAGACACTCAGACCTGATGGATTCTGCCTTGA
 AGCCTGCCAACCTTGTGAGCAGTCCCAAAACCTCGGACTCCTGGCTATCGGCCCTGCTTCCCTCCTG
 TGGCTCCCATTAAGCACTGTCTGCTGTGCGTAGGCTCTGCTAAGGGAGTGTAAAAGGAAAAAAG
 GAAAGAAGGGATGTGGAGTCATTTGGAACTAAATCATTCCCCAGGGTCAGATCGACATCTGGAGAGCC
 GAGATCCCCCTCGCTGAGTGGCCGGGACCCCTCCTCATGGACAGTGGAGGATGTGATGCAGTTTGTCCG
 GGAAGCCGATCCTCAGCTTGATCCCATGCTGACCTTCCGAAAACATGAAATCGATGGCAAGGCCCTG
 CTCCTGCTGCGCAGTGACATGATGATGAAGTACATGGGCTGAAGCTGGGGCCCGCCCTCAAGCTCTCT
 TTCACATTGACCGGTGAAGCAGGGCAAGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_013883
- Insert Size:** 1995 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_013883.2 , NP_038911.1
RefSeq Size:	3394 bp
RefSeq ORF:	1995 bp
Locus ID:	29871
UniProt ID:	Q8K214
Cytogenetics:	4 56.52 cM
Gene Summary:	<p>Associates with Polycomb group (PcG) multiprotein complexes; the complex class is required to maintain the transcriptionally repressive state of some genes.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes isoform (1). Variants 1 and 3 encode the same isoform (1). 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.</p>