

Product datasheet for **RN211155**

Scmh1 (NM_001109669) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scmh1 (NM_001109669) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scmh1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211155 representing NM_001109669
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGTTTGCTACAGTGTGTTAGCTTGTGAGAGTCTCTGGACCTTCCCTGCTCCATCATGGGGTAC
 CTCTAGGTCATTTTACCTGGGACAAATACCTAAAAGAAACAAGTTCAGTCCCAGCACCTGTCCATTGCTT
 CAAGCAGTCTACACACCTCCAAGCAATGAGTTCAAGATTAGCATGAAATTGGAAGCACAGGACCCAGG
 AACACCACGTCCACCTGTATTGCCACAGTAGTTGGACTGACAGGTGCCGACTCCGCTCTGCGCTTGATG
 GCAGTGACAACAAGAATGACTTCTGGAGACTGGTTGACTCCTCGAAATCCAACCAATTGGAAACTGTGA
 GAAGAATGGCGGTATGCTGCAGCCACCTTAGGATTTGCGCTGAATGCCTCCTCTTGCCCATGTTCTT
 TTGAAGACGCTAAATGGAGCAGAGATGGCTCCCATCAAGATTTCCATAAGGAGCCACCATCACCTTCCC
 ACAACTTCTTCAAATGGGAATGAAGTTGGAAGCTGTGGACAGAAAGAACCTCATTTCATCTGCCAGC
 CACTATTGGAGAGGTCCGAGGCTCAGAGGTGCTGGTACCTTTGATGGGTGGCGAGGCGCATTGACTAC
 TGGTGGCCGCTTTGACTCCCGGGACATCTTCTGTGGGCTGGTGTCTTTGACTGGAGATAACCTGCAGC
 CGCTGGCACAAAGTTGTGATTCAAAGAATCCTTCCCCTTCGCTGATGTGAGCACTGAGAAGCCAG
 CATCAACAGCACCAAACTGTCTTGGAGCCTCAGCCAGGGCAGAGAGGGCGCAAACAGGAAAGAAGCGG
 GGCCGAACGCCAAGATCCTTATCCCCATCCCACCTCTACCCATCCAAGTCAAGTGAACCTTTGAAAT
 TTCAAAGAAGAGAGGGCCCAAGCCTGGCAGTAAGAGGAGACCTCGGACTTTGCTGAGCCCACCACCCAC
 CTCACCAACAACCAGCACTCTGAACGGACACCAGCACTGTTCCCAAGATGCTGCCACCATCCAAGT
 TCAGCCATGCAGGCCCCACAGTTTGTATCTACTTGAACAAGAGCGGCAGCACGGGCCCCCACTTGGATA
 AAAAGAAGATCCAACAACCTCCCTGACCATTTTGGGCCAGCCGCTGCTTGGTGTTCAGCAGGCTGT
 CCAGGCTTGCATTGACTGTGCTTATCACCAGAAAAGTGTCTTCAAGCTTCCCAAACAGGGCCATGGCGGT
 GAAGTCATCTCAGCCGTGTTGCGACCGGGAACAGCACACTCAACCTCCCAGCCGTCAACAGCATACCT
 ATGTCCTCCGTTTCTGGAGAAGCTCTGCCACAACCTTCGGAGTGACAATCTGTTTGGCAACCAGCCCTT
 TACACAGACTCACGTGTCACTACTGCCACAGAGTACAGCCACGGCCACGACAGGTACCTACCAGGTGAA
 ACCTTTGCTGGGCAATAGCCTGACGAGGTCTTGGAGACACTCAGACCTGATGGACTCTGCCTTGA
 AGCCTGCCAACCTCGTCAGCACGTCCCAGACCTCCGGACTCCTGGCTATCGGCCCTTGCTTCCCTCCTG
 TGGCTTCCATTGAGCACTGTCTGCTGTGCGCAGGCTCTGCTCTCGGGAGTGTAAAAGGAACAAGG
 GAAAGAAGGGATGTGGAATCATTTTGGAACTAAATCATTCCCCAGGGTCAAGTGCACACCTGGAGAGCC
 GAGATCCCGCTCGCTAAGTGGCCGGGACCCCTCCTCATGGACAGTGGAGGATGTGATGCAGTTTGTCCG
 GGAGGCTGATCCTCAGCTTGGATCCCATGCTGACCTTCCGAAAACATGAAATCGATGGCAAGGCCCTG
 CTCTGCTGCGCAGTGACATGATGATGAAGTACATGGGCTGAAGCTGGGGCCTGCCCTCAAGCTCTCT
 TTCACATTGACCGGTGAAGCAGGGCAAGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109669

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:

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_001109669.1](#), [NP_001103139.1](#)

RefSeq Size: 2976 bp

RefSeq ORF: 1995 bp

Locus ID: 362581

Cytogenetics: 5q36