

## Product datasheet for **MC229460**

### Sorcs1 (NM\_001252501) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sorcs1 (NM\_001252501) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sorcs1  
**Synonyms:** mSorCS; Sorcs  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC229460 representing NM\_001252501  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGGAAAAGTTGGCGCTGGAGACGGCTCCTCGGCCGGGCTGAGCGCGCTCCTTGCAGGAGCGGGGCTTC  
 TGATGCTCTTAGCCCCGGGTCTGCAGCAGCCTCTCTTGCTGCCCTCCGCAGCACCTAGCTCGACCCC  
 ACGCCGGACCCCTACCCCAAGAGGCTTTCCTCACCCGGGACCTCTGGGTGGGCTCCTGCCACGCCCCCG  
 CCCTCTTCATGAGACCCCTGTTTCGAGTGGCCCCGGGACCGTGCCTGTTTCTGGAGCGAGCTGGGG  
 GCAGCAGGGTGTCAAGTGGCGACCGCTGCACGCTCTGGCCGTAGGAGACGGAGTGGAAACCGAACCCGAGAA  
 GATTGAACCCGGAGAGGGTGCAGTGGAGCCGGGACATGCTAAAGGATGGAGGGCAGCAGGGGCTT  
 GGGACTGGCGCACGGGACCCGGACAAAGCCACCCGCTTCCGGATGGAGGAGCTGAGACTGACCAGCACCA  
 CATTGCTCTGACAGGAGACTCAGCACACAACCAAGCTATGGTCCACTGGTCTGGCCACAACAGCAGCGT  
 GATTCTCATTTTGACAAAGCTCTATGACTATAACCTGGGAGTATCACCGAGAGCTCGCTTTGGAGGTCA  
 ACCGATTATGGGACTACCTATGAAAAGTTGAATGATAAAGTGGGTTGAAGACAATTTGAGCTATCTCT  
 ATGTGTGTCCAACCAACAAGCGTAAGATTATGTTACTCACAGACCCGGAGATTGAGAGCAGTTTGTGAT  
 CAGCTCAGATGAAGGGGCAACCTATCAAAAGTACCGGCTCAACTTTTACATTCAGAGTTTGCTTTCCAT  
 CCGAAGCAAGAAGACTGGATCCTGGCATACAGTCAAGACCAAAAGTTATACAGCTCTGCTGAGTTTGGCC  
 GAAGATGGCAGCTTATCCAGGAATCAGTGGTACCAAATAGGTTCTACTGGTCTGTGATGGGGTCGAGCAA  
 AGAACCAGACCTTGTGCATCTCGAGGCCAGGACTGTGGATGGTCACTCAATATACCTAATTGTCCGATG  
 CAAAATGCACCTGAAGCCAACAGAAATAAGCCTTCCAGGTTACATCGACCCGGACTCTTTGATTGTTT  
 AGGACGATTATGTGTTTGTTCAGCTGACATCAGGAGGAAGACCACATTACTATGTGCTCTACCGAAGAAG  
 CCCGTTTGCACAAATGAAGCTTCCGAAATACGCTTTGCCAAGGACATGCAGTCAATAGCACAGACGAG  
 AACCAAGTGTGTTGAGCCGTTCAAGAATGGAACAGAACGACACCTACAACCTCTACATCTCAGACACAC  
 GAGGAGTCTACTTCACACTGGCCTTGGAGAATGTGCAGAGCAGCAGAGGCCCTGAAGGCAACGTCATGAT  
 TGACCTTTATGAGGTAGCAGGATAAAGGGAATGTTCTTGCTAACAAGAAGATTGACAACCAAGTGAAG  
 ACTTTCATCACTTACAACAAAGGCAGAGACTGGCGGTTGCTGCAGGCTCCAGATGCAGATCTAAGGGGGG



ACCCTGTGCACTGTTTGCTGCCCTACTGTTGCTACACCTTCACCTGAAGGTTTCTGAGAATCCCTACAC  
 ATCCGGGATCATTGCCAGCAGAGACACAGCCCCAAGTATTATAGTTGCATCAGGTAACATAGGCTCTGAG  
 TTGTCAGACAGTGACATCAGCATGTTTGTATCTTCAGATGCAGGGAACACTTGGAGGCAGATTTTTGAAG  
 AAGAGCACAGCATTGTACCTTGACCAAGGTGGAGTCTTGTGCTATGAAACACACATCTCTCCCAAT  
 TCGACACCTTTGGTTGAGTTTTGATGAAGGGAGATCTGGAGCAAATACAGCTTTACATCCATCCACTC  
 TTTGTGGATGGAGTCTGGGGGAGCCTGGAGAAGAGACACTAATCATGACAGTGTGGACACTTCAGTC  
 ATCGTTCCGAATGGCAGCTGGTCAAAGTGGACTACAAGTCCATTTTGTAGACGCTGTGCTGAAGAAGA  
 CTACAGACCCCTGGCAGTTGCATAGTCAGGGGGAAGCATGCATCATGGGAGCCAAGAGGATATACAAGAAG  
 AGAAAGTCTGAGCGCAAGTGATGCAAGGAAAGTATGCGGGAGCAATGGAGTCTGAGCCTTGTTTGTGA  
 CAGAGGCAGACTTTGACTGTGACTATGGCTATGAGAGACATAGTAATGGACAATGCCTGCCAGCATTTTG  
 GTTCAACCCATCCTCACTGTCAAAGACTGCAGCTTGGGACAGAGTTACCTCAACAGCACTGGGTATAGG  
 AAGGTGGTCTCCAATAATTGACTGATGGAGTGAGAGAGCAGTATACCGCAAACACAGAAGTGTCCAG  
 GGAAGGCCCTCGTGGGCTGCGGATTGCTACTGCAGATGGGAACTGACAGCAGAGCAGGGCCACAATGT  
 CACTCTCATGGTGCAGCTGGAAGAGGGTGTGTGCAGCGGACACTCATCAAGTGGACTTCGGAGATGGC  
 ATTGCAGTATCGTATGTCAACCTCAGCTCTATGGAAGACGGTATCAAGCACGTATATCAGAATGTGGCA  
 TTTTCCGAGTGACCGTGCAGGTGGACAACAGTCTGGGGTCTGACAGCGCGTCTGTACTTACATGTAAC  
 TTGTCCCCTGGAGCATGTGCACCTGTCTTCTTTTGTGCAACAAGAAACAAAGAGGTCAATGCAACT  
 GCAGTGTCTTGGCCAGCCAAGTGGGCACTCTCACTTACGTGTGGTGGTATGGGAACAACACAGAGCCCC  
 TGATCACCTTGGAGGGAAGCATACTGTTCAAGTTTACTTCTGAAGGAATGAATACTATCACAGTCCAAGT  
 CTCTGTGGGAACGCCATACTGCAAGACACAAAGACCATTGCGGTATATGAGGAATTTGGTCTCTTCGC  
 TTGGCCTTTTCTCGAAGTTGGATGACTACAACCTGACATCCCGGAGTGGAGGAGGACATCAGCCGAG  
 TCATCAAAAAGTCTCTGGTGAAGCCACAGGGATTCCCAGCCAGCATATCCTGGTGGCGGTGTACCTGG  
 CTTACCCACTGCTGCAGAGCTCTTTGTTTTGCCCTACCAAGATGGAACCCAGAGAAAAACAAAGTCCGCT  
 GAGGACCTGGAGCAGATATCTGAAGTTCTAATCCACAAACTCAACCAAACTTGGTGCAGCTTCGAGCTGA  
 AGCCTGGCGTCCAAGTCTTGTCCACGCAGCTCACCTGACAGCAGCTCCACTGGTGGACCTCACTCTAC  
 CCACAGCGGATCTGCCATGCTGATGTTGCTCTCTGTGGTGTGTTGGGGCTCGTGTATTGCTCATCTAC  
 AAGTTTAAAAGAGGCTGGAGAGATCGCTCAGCAGTTAAGAACATTGGCTGCTCTTGCAGAGGACCCGGGT  
 TCAATTCTCAGCACCAACAAGGTGGCTCACAAGCATCTGTAACCTCAGTTCAGATCCGACACCCTC  
 TTCTGACCTTCATGGGCACCAAGAACACACGTGGTGCACAGATATACACCAGGAAAAACCCCATACAC  
 ATAAAA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001252501
- Insert Size:** 3579 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001252501.1](#), [NP\\_001239430.1](#)

**RefSeq Size:** 4396 bp

**RefSeq ORF:** 3579 bp

**Locus ID:** 58178

**Cytogenetics:** 19 45.05 cM