

## Product datasheet for MC223973

### Sorcs3 (NM\_025696) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sorcs3 (NM\_025696) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sorcs3  
**Synonyms:** 6330404A12Rik; AW045579  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223973 representing NM\_025696  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGAGGGCGGCAGGCACTGAGCGCCCCGAGGCTGGCCCCGGGCACCCCTCGCCCCGACTGGGCTGCTGC  
 TCTTGTCAACATGGGTCCTGGCCGGCGCCGAGATCACTTGGGGCGGACAGGAGGTCGGGGCGCCCTGGT  
 GTCCCCGGCTTACGACCACCAGTGTTCCTCTCTTGGCCAGGGCAGCGGAGAACCGGTGGCCTGAG  
 GAGCTGGCATCTGCACGGAGAGCCGCTGCACCGAGACGCCGGTCCAGGCTAGAGCCACTATCCAGGCGA  
 GCCCGGGGAGATACGGACTGAAGCTGCGGGAATGTCGCCTGAAGGCGCTAGGTGGTCCCGGGCATTCC  
 ATCTCCTAGCCAGGCGGGCAGTGCAGGAGGACTCGCCGGGCGCAGCCCCAAGCCCCCTGGAGCGCGGG  
 GACTCTTGGGCTACTGCTCTCGCAGATGGTGCCAAAGGAAGCCGTCCTCACACCAAGGGTTCGCGAGAGG  
 AGGTGAGGGCGACGCGGACTGGAGGAGCGTCCACTGAGGAGTCCGGCTGCCAGCACGCTTTTGCCT  
 GACCGGGGACTCGGCTCATAACCAAGCCATGGTGCCTGGGACACAACAGCAGTGTCACTACTGATC  
 CTGACGAAGCTCTATGACTTCAACCTGGGAGTGTGACTGAGAGTCTCTGTGGAGTCACTAGATTATG  
 GCGCCACCTATGAAAACTTAATGACAAAGTGGGTTTGAAGCCGTCCTCAGTTATCTCTATGTCAACCC  
 CACCAACAAAAGGAAGATCATGCTCCTTAGTGACCCCGAGATGGAGAGCAGTGTACTGATCAGTCAGAT  
 GAAGGGGCGACCTACAAAAGTACCGGCTTACATTCTACATCCAGAGCCTGCTCTTCCATCCCAAGCAGG  
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 CTGGTGCACATGGAAGTGAAGACGGCAGATGGATATGCCACTACCTCACCTGCAGAATCCAAGAATGTG  
 CTGAGACAACCTCGGAGCGGCCCTTTGCCCGCTCCATTGACATCAGCTCCTTGGTGTCCAGGATGAATA  
 TATCTTCATTAGGTAACAATAGGTGGACGAGCCAGCTACTACGTGTCGATCGAAGAGAAGCCTTTGCC  
 CAGATAAAGCTGCCAAGTACTCCTTGCCAAAGGACATGCACATTATCAGTACCGATGAGAACCAAGTGT  
 TTGCAGCCGTCGAAGAATGGAACCAAGATGACACCTACAACCTTACATCTCAGACACACGTGGGATCTA  
 CTTTACCCTGGCTATGGAGAACATTAAGAGCAGCCGAGGTCTAATGGGAAACATCATTATTGAATTATAT  
 GAGGTAGCAGGTATCAAGGGGATATTCCTGGCAACAAGAAGGTGGATGACCAGGTGAAGACATACATCA



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CTTACAACAAAGGCAGGGATTGGCGTCTCTGCAAGCTCCAGATGTGGACCTGAGAGGAAGCCCAGTGCA  
 CTGTTTACTGCCCTTCTGTTCCCTACACTTGCATCTGCAGCTCTCTGAAAACCCATATTCCTCTGGAAGA  
 ATCTCCAGCAAGGACACAGCGCCTGGACTTGTGGTTGCCACGGTAATATTGGCTCCGAAGCTCTCTATA  
 CGGATATCGGTGTGTTTCATCTCCTCTGATGGGGCAACACATGGAGACAGATCTTTGATGAAGAATAAA  
 TGTCTGGTTCCCTAGACTGGGGTGGTCTCTGGTGGCCATGAAGCACACACCTCTGCCAGTCAGGCATTTG  
 TGGTGAGTTTTGATGAGGGCCATTCTGGGACAAGTATGGTTTTACATTTGCTGCCTCTTTTCGTGGATG  
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 GCGCTCAGTGTGCCCTTGGCAGAGAGTACTCTGGGTGGTGTGTCAGAACCTGTGTCTGTGCGGACTG  
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 CCAGCTTCCCCTCAAAGGACTGCAGCCTTGGTCAAAGCTACCTTAACAGCACTGGGTACCGGAGGATTG  
 TATCCAACAACAGCAGATGGGCTAAGGGATAAGTACTCTGCTAAGACTCAGTTGTCTCTGAAAAGC  
 TCCTCGGGCCTCCATGTGGTGACCACTGACGGGCGCCTGGTGGCAGAACAGGGCCACAATGCAACCTTC  
 ATCATTCTAATGGAGGAGGTGACCTTCAAAGGACAAACATCCAGCTTGACTTTGGAGATGGGGTGGCTG  
 TATCCTATGCCAACTTCAGCCCCATTGAGGATGGCATCAGGCATGTGTATAAGAGCGCGGGGATCTCCA  
 GGTGACAGCTTATGCGGAGAACAACCTTGGCTCGGACACAGCCTTCTCTTCTGTCATGTGGTTTGCCA  
 GTGGAACACGTTACCTTCGAGTCCCATTCTGTCGCAATACGGAATAAGGACGTCAACATCAGTGCAGTTG  
 TGTGGCCAGTCAGCTAGGGACCCTCACCTACTTCTGGTGGTTTGGAAAATAGCACAAAGCCCCTCATCAC  
 CTTGGACAGCAGCATCTTTTACATTCCTTGCAGAGGGAACCAACCATCACTGTCCAGTTGCTGCT  
 GGAATGCCCTCATCCAAGACACAAAAGAGATTGCAGTACATGAATACTTCCAGTCACAGCTCTTATCGT  
 TCTCTCCAAATCTGGATTACCACAATCCTGATATCCCTGAGTGGAGGCAAGACATTGGCAATGTCATCAA  
 GCGAGCTCTGATTAAGTGACCACTGTCCAGAAGACCAGATCCTCGTGGCTGTGTTCCCGGGTCTCCCT  
 ACTTCAGCAGAGCTTTTATTCTCCACCTAAGAACTTGACAGAGAGGAAAGGCCACGAAGGGGATC  
 TCGAACAAATTGTAGAGACACTATTTAATGCGCTTAATCAAACTTGGTACAGTTTGAGCTGAAGCCAGG  
 TGTCCAGTCAATGTTTATGTCACACAGCTGACATTAGCTCCCCTGGTGGACTCCAGCGCTGGGCATAGC  
 AGCTCTGCCATGCTTATGCTCCTCTCGGTGGTATTCTGTCGGCTTGGCTGTGTTTCTGATCTACAAGTTTA  
 AAAGGAAAATCCCCTGGATTAACATCTATGCCAAGTCCAACATGACAAGGAACAGGAGATGATCGGGTC  
 AGTGAGCCAAAGTGAGAAATGCACCCAAAATCACACTCAGTGACTTCAACGAGCCGAGGAGCTGCTGGAC  
 AAAGAGCTGGACACGCGGTATAGGAAGCATTGCCACCATTGCAAGCAGCGAGACACAAGGAGATCC  
 CCAACTGCACTAGTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_025696
- Insert Size:** 3660 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\\_025696.3](#), [NP\\_079972.1](#)

**RefSeq Size:** 5634 bp

**RefSeq ORF:** 3660 bp

**Locus ID:** 66673

**UniProt ID:** [Q8VI51](#)

**Cytogenetics:** 19 D1