

Product datasheet for MC229414

Sorcs1 (NM_001290356) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sorcs1 (NM_001290356) 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: >MC229414 representing NM_001290356
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGAAAAGTTGGCGCTGGAGACGGCTCCTCGGCCGGGCTGAGCGCGCTCCTTGCAGGAGCGGGGCTTC
 TGATGCTCTTAGCCCCGGGTCTGCAGCAGCCTCTCTTGCTGCCCTCCGCAGCACCTAGCTCGACCCC
 ACGCCGGACCCCTACCCCAAGAGGCTTTCCTCACCCGGGACCTCTGGGTGGGCTCCTGCCACGCCCCCG
 CCCTCTTCATGAGACCCCTGTTTCGAGTGGCCCCGGGGACCGTGCCTGTTTCTGGAGCGAGCTGGGG
 GCAGCAGGGTGTCAAGTGGCGACCGCTGCACGCTCTGGCCGTAGGAGACGGAGTGGAAACCGAACCCGAGAA
 GATTGAACCCGGAGAGGGTGCAGTGGAGCCGGCGGACATGCTAAAGGATGGAGGGCAGCAGGGGCTT
 GGGACTGGCGCACGGGACCCGGACAAAGCCACCCGCTTCCGGATGGAGGAGCTGAGACTGACCAGCACCA
 CATTGCTCTGACAGGAGACTCAGCACACAACCAAGCTATGGTCCACTGGTCTGGCCACAACAGCAGCGT
 GATTCTCATTTTGACAAAGCTCTATGACTATAACCTGGGAGTATCACCGAGAGCTCGCTTTGGAGGTCA
 ACCGATTATGGGACTACCTATGAAAAGTTGAATGATAAAGTGGGTTGAAGACAATTTGAGCTATCTCT
 ATGTGTGCCAACCAACAAGCGTAAGATTATGTTACTCACAGACCCGGAGATTGAGAGCAGTTTGTGAT
 CAGCTCAGATGAAGGGGCAACCTATCAAAAGTACCGGCTCAACTTTTACATTCAGAGTTTGCTTTTCCAT
 CCGAAGCAAGAAGACTGGATCCTGGCATACAGTCAAGACCAAAAGTTATACAGCTCTGCTGAGTTTGGCC
 GAAGATGGCAGCTTATCCAGGAATCAGTGGTACCAAATAGGTTCTACTGGTCTGTGATGGGGTCGAGCAA
 AGAACCAGACCTTGTGCATCTCGAGGCCAGGACTGTGGATGGTCACTCAATATACCTAATTGTCGGATG
 CAAAATGCACCTGAAGCCAACAGAAATAAGCCTTTCCAGGTTACATCGACCCGGACTCTTTGATTGTTT
 AGGACGATTATGTGTTTGTTCAGCTGACATCAGGAGGAAGACCACATTACTATGTGCTTACCGAAGAAG
 CCCGTTTGCACAAATGAAGCTTCCGAAATACGCTTTGCCAAGGACATGCAGTCAATAGCACAGACGAG
 AACCAAGTGTGTTGAGCCGTTCAAGAATGGAACAGAACGACACCTACAACCTCTACATCTCAGACACAC
 GAGGAGTCTACTTCACACTGGCCTTGGAGAATGTGCAGAGCAGCAGAGGCCCTGAAGGCAACGTCATGAT
 TGACCTTTATGAGGTAGCAGGATAAAGGGAATGTTCTTGCTAACAAGAAGATTGACAACCAAGTGAAG
 ACTTTCATCACTTACAACAAAGGCAGAGACTGGCGGTTGCTGCAGGCTCCAGATGCAGATCTAAGGGGGG



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ACCCTGTGCACTGTTTGCTGCCCTACTGTTGCTACACCTTCACCTGAAGGTTTCTGAGAATCCCTACAC
 ATCCGGGATCATTGCCAGCAGAGACACAGCCCAAGTATTATAGTTGCATCAGGTAACATAGGCTCTGAG
 TTGTGACAGACGTGACATCAGCATGTTTGTATCTTCAGATGCAGGGAACACTTGGAGGCAGATTTTGAAG
 AAGAGCACAGCATTGTACCTTGACCAAGGTGGAGTCTTGTGCTATGAAACACACATCTCTCCCAAT
 TCGACACCTTTGGTTGAGTTTGTGATGAAGGGAGATCTTGGAGCAAATACAGCTTTACATCCATCCACTC
 TTTGTGGATGGAGTCTGGGGGAGCCTGGAGAAGAGACACTAATCATGACAGTGTGGACACTTCAGTC
 ATCGTTCCGAATGGCAGCTGGTCAAAGTGGACTACAAGTCCATTTTGTAGACGCTGTGCTGAAGAAG
 CTACAGACCCTGGCAGTTGCATAGTCAGGGGGAAGCATGCATCATGGGAGCCAAGAGGATATACAAGAAG
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 CAGAGGCAGACTTTGACTGTGACTATGGCTATGAGAGACATAGTAATGGACAATGCCTGCCAGCATTTTG
 GTTCAACCCATCCTCACTGTCAAAGACTGCAGCTTGGGACAGAGTTACCTCAACAGCACTGGGTATAGG
 AAGGTGGTCTCCAATAATTGACTGATGGAGTGAGAGAGCAGTATACCGCAAACACAGAAGTGTCCAG
 GGAAGGCCCTCGTGGGCTGCGGATTGCTACTGCAGATGGGAACTGACAGCAGAGCAGGGCCACAATGT
 CACTCTCATGGTGCAGCTGGAAGAGGGTGTGTGCAGCGGACACTCATCAAGTGGACTTCGGAGATGGC
 ATTGCAGTATCGTATGTCAACCTCAGCTCTATGGAAGACGGTATCAAGCACGTATATCAGAATGTGGCA
 TTTTCCGAGTGACCGTGCAGGTGGACAACAGTCTGGGGTCTGACAGCGCGTCTGTACTTACATGTAAC
 TTGTCCCCTGGAGCATGTGCACCTGTCTTCTTTTGTGCAACAAGAAACAAAGAGGTCAATGCAACT
 GCAGTGTCTTGGCCAGCCAAGTGGGCACTCTCACTTACGTGTGGTGGTATGGGAACAACACAGAGCCCC
 TGATCACCTTGGAGGGAAGCATACTGTTCAAGTTTACTTCTGAAGGAATGAATACTATCAGAGTCCAAGT
 CTCTGTGGGAACGCCATACTGCAAGACACAAAGACCATGCGGTATATGAGGAATTTGGTCTCTTCGC
 TTGGCCTTTTCTCGAAGTTGGATGACTACAACCTGACATCCCGAGTGGAGGAGGACATCAGCCGAG
 TCATCAAAAAGTCTCTGGTGAAGCCACAGGGATTCCCAGCCAGCATATCCTGGTGGCGGTACCTGG
 CTTACCCACTGCTGCAGAGCTCTTTGTTTGGCCCTACCAAGATGGAACCAGAGAAAAAAAGGTGCGCT
 GAGGACCTGGAGCAGATATCTGAAGTTCTAATCCACAAACTCAACCAAACTTGGTGCACCTCGAGCTGA
 AGCCTGGCGTCCAAGTTCTGTCCACGCAGCTCACCTGACAGCAGCTCCACTGGTGGACCTCACTCTAC
 CCACAGCGGATCTGCCATGCTGATGTTGCTCTCTGTGGTGTGTTGGGGCTCGCTGTATTGCTCATCTAC
 AAGTTTAAAAGGTGTGTGTTTCTTCTCTGCTTCTACCCCGACCCCACTCCCTCTCTTTCTGCC
 AGGTTCAAGCAATAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001290356
- Insert Size:** 3447 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_001290356.1](#), [NP_001277285.1](#)

RefSeq Size: 3650 bp

RefSeq ORF: 3447 bp

Locus ID: 58178

Cytogenetics: 19 45.05 cM