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Product datasheet for RN201329

Sorcs2 (NM_001107225) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Sorcs2 (NM_001107225) Rat Untagged Clone

Tag: Tag Free

Symbol: Sorcs2

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

Fully Sequenced ORF:

>RN201329 representing NM_001107225
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGCACCGGGGAACCCCGAGCGCCCCGAAGCGTCCTGGCCTTACTGCGCCGGATCGGAGCTCCCAGG
TTCTGCTGCCGCCGTGCTGGCCACGTTCGTGGCCGCTGCTGCTGCTGCTGCTGGTGCTGGTGGCTGCCTG
CGGAGCGATGGGGCGCTCCCCCCAGCCCGGGCGCTGGGGTCCCAGTGTGCAGGTCACCAGGCTGCTGCCC
GCGGGACGCACGGAGTCCAGCAATCGCCAGGATCCGCAGACACGAGAATCGGAGCCTGGCGTCCCGGGTC
TCCGTCCGGGTTCTGCTTCGGGTCCCAGCACTGATGGCGCCCCAGCTCTGGGCAAGGGGCGCAGGGTTCG
GGCGGCGCCGGTGGCCGGTGCAGCTTCGGCTTCGCGCGCACAGGTCTCGCTCATCAGCACGTCGTTCGTG
CTCAAGGGAGACGCGACGCACAACCAGGCGATGGTACACTGGACAGGAGAGAACAGCAGCGTCATCCTGA
TCCTGACGAAGTACTACCATGCAGACATGGGGAAGGTTCTGGAAAGTTCTCTCTGGAGGTCCTCAGATTT
TGGGACAACCTACACCAAGCTTACTCTCCAACCTGGTGTCACCACTGTCATTGACAACTTCTATATCTGC
CCTGCTAACAAAAGAAAGATCATCCTGGTGAGCTCATCCCTCGGTGACAGGGAACAGAGCCTCTTCCTCA
GCACTGACGAGGGCACCACATTCCAGAAGTATCCTGTCCCCTTCCTTGTGGAGACTCTCCTCTTTCACCC
AAAGGAGGAGGACAAGGTTCTTGCCTACACCAAGGACAGCAAGCTGTATGTGTCGTCCGACCTGGGGAAG
AAGTGGACACTGCTGCAGGAACAGGTGACCAAGGACCACGTGTTCTGGGCTGTGTCTGGGGTGGATGACG
ACCCCAACCTGGTCCACATGGAAGCACGGGACCTCAGTGGAGGCTATCGGTACTACACGTGTCTGATCCA
CAACTGCTCAGCCCAGCCACACACAGCACCCTTCCCTGGCCCCACTGACCGAGGGTCCCTGACCGTGCAG
GATGAGTACATCTTTTTGAAGGCGACATCAACAAACCGAACCAAATACTATGTCTCTTATCGCCGCAGCG
ACTTTGTCCTGATGAAGCTGCCCAAGTATGCCCTGCCCAAGGACCTACAGATCATCAGCACAGATGAGCA
GCAGGTGTTCGTGGCCGTCCAGGAGTGGAACCAGGTGGACACCTACAACCTGTACCAGTCGGACCTGCGT
GGAGTGCGCTATTCGCTGGTGCTGGAGAACGTGCGCAGCTCGAGGCAGGCTGAGGAGAATGTGGTCATCG
ACATCCTTGAGGTCAGAGGGGTGAAGGGAGTCTTCTTGGCAAACCAGAAAGTGGATGGCAAGGTGACAAC
AGTCATAACCTACAACAAGGGCCGTGACTGGGATTACCTGAGGCCACCCAGCACTGACATGAATGGGAAA
CCTACCAACTGCCAGCCACCGGACTGCCACCTGCACCTGCACCTGCGCTGGGCAGACAACCCCTATGTGT
CAGGCACGGTACACACCAAGGACACTGCCCCTGGCCTCATCATGGGTGCAGGTAACCTGGGCTCACAGTT
GGTGGAGTATAAAGAGGAAATGTACATCACATCTGACTGCGGGCACACCTGGAGACAGGTCTTTGAGGAA

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GAGCACCATGTCCTGTACCTGGACCACGGTGGTGTCATTGCTGCCATCAAGGACACCTCCATCCCCCTGA
AGACCCTCAAGTTCAGCGTGGACGAGGGCCACACTTGGAGTACACACAACTTCACCAGCACCTCAGTGTT
CGTGGATGGGCTGCTGAGCGAACCAGGGGATGAAACGCTGGTCATGACGGTCTTTGGTCACATCAGCTTC
CGCTCTGACTGGGAGCTGGTCAAGGTGGACTTCCGGCCCTCCTTCCCCAGGCCATGTGTTGAGGATGACT
ATAGCTCCTGGGACCTCACTGACCTCCAGGGTGACCACTGTATCATGGGCCAGCAGAGAAGTTACCGGAA
GAGAAAGTCCACGTCCTGGTGTGTCAAGGGGAGGAGCTTCACGTCAGCACTCACATCCCGTGTGTGCAAG
TGCCGGGACTCTGACTTCCTCTGTGACTACGGGTTTGAGCGCTCATCTTCCTCAGAGTCTACTGTCAACA
AGTGCTCTGCCAACTTCTGGTTCAACCCCCTGTCTCCTCCTGAAGACTGTGTCCTAGGACAGACCTATAC
CAGTAGCCTTGGGTACCGGAAGGTGGTGTCCAATGTGTGCGAAGGTGGTGTGGACCTGCAGCAGAGCCCA
GTGCAGCTGCAGTGCCCCCTACAAGCACCGCGGGGCCTGCAGGTGAGCATCCGAGGAGAGGCAGTGGCTG
TGCGACCTAGAGAAGATGTGCTGTTTGTGGTGCGACAGGAACAGGGTGATGTCCTGACCACTAAGTATCA
GGTGGATCTTGGGGACGGCTTCAAGGCCATGTACGTGAACCTCACTCTGACAGGCGAGCCCATTCGGCAC
CACTACGAGAGTCCTGGCATCTACCGTGTGTCTGTCAGGGCTGAGAACATGGCAGGCCACGATGAGGCTG
TGCTCTTTGTCCAGGTCAACTCTCCCCTGCAGGCCCTCTACCTCGAAGTAGTCCCTGTCATTGGCATCAA
CCAAGAGGTGAACCTCACAGCTGTGCTGTTACCGCTGAACCCCAATCTCACTGTCTTCTACTGGTGGATC
GGCCACAGCTTGCAGCCTCTGCTTTCCTTGGACAACTCCGTGACAACAAGGTTTACAGATGCTGGGGATG
TGCGTGTGACAGTGCAAGCTGCCTGTGGGAACTCGGTGCTCCAGGACTCCAGGCTCGTCCGTGTGCTCGA
TCAGTTCCAGGTGGTGCCTCTGCAGTTCTCCAGGGACCTGGACACCTTTAACCCCAACACGCCTGAATGG
AGGGAGGACGTGGGATTGGTGGTCACCCGACTTCTCTCCAAGGAGACCAGCATCCCAGAGGAGCTACTAG
TGACTGTGGTCAAGCCAGGGCTGCCCACCATAGCGGATCTGTATGTGCTTCTGCCTCCTCCCAGGCCCAC
AAGGAAGAGGAGCCTCACAAGTGACAAGAGGCTGGCAGCTGTGCAGCAGGCACTGAACTCCCACAGGATC
AGCTTCATCCTTCGAGGAGGGCTTCGTGTCCTGGTGGAGCTGAGGGACACAGATGCAGGTCCTCAGAGGC
CGGGTGGCAGTGGTGGCTACTGGGCTGTGGTGGTCCTCTTTGTCATCGGGCTCTTTGCAGTAGGAGCATT
CATCCTCTACAAGTTCAAAAGGAAGCGCCCAGGCAGGACGGTGTACGCCCAGATGCACAATGAGAAGGAA
CAGGAGATGACAAGTCCCGTGAGCCACAGTGAGGACGCCCAGAGCGCCATGCAAGGCAACCACTCAGGTG
TGGTCCTGAGCATCAACTCTCGAGAGATGCATAGCTACCTGGTGGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107225

Insert Size: 3480 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_001107225.2, NP_001100695.2

RefSeq Size:	5714 bp
RefSeq ORF:	3480 bp
Locus ID:	305438
Cytogenetics:	14q21