

Product datasheet for **RN200899**

Sart1 (NM_031596) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sart1 (NM_031596) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sart1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200899 representing NM_031596
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGTCGTCAAAGAAGCACCGTGGAGAGAAGGAGGCAGCCGGGACTACGGCTGCGGCCGGTACCGGGG
 GCACTACCGAGCAGCCGCCACGGCATCGAGAGCACAAGAAACACAAGCATCGGAGCAGCGCGCGGCAG
 CAGCGCGCGGAACGACGGAAGCGGAGCCGCGAGCGTGGGGCCGAGCGCGGGAGCGGGAGCGCGGGCC
 GAAGCCGAGGCCCGCAGCGCGCGCATGGTCGTGAACGAAGCCAAGCGGAACCCTCGGAGCGCGCGTGA
 AGCGGGAGAAACGCGATGAAGGCTATGAGGCCGCTGCCAGCTCAAAGCCAGCTCTGGAGATGCCTCATC
 ACTCAGCATCGAGGAGACCAATAAACTCCGAGCAAAGTTGGGGTTGAAGCCCTTGAAAGTCAATGCTGTT
 AAGAAAGAGGCGGCCACCAAGGAGGAGCCCGTGGCAGCCGATGTTATCAACCCCATGGCCTTGCACAGC
 GTGAAGAACTACGGGAGAAGCTGGCAGCTGCCAAGGAAAAGCGCTTGCTGAACCAAAAATGGGGAAAAT
 AAAGACTGGGGGAGGATGACCCTGGCTTGATGACACTGCAGCCTGGATAGAGAGGAGCCGGCAGCTA
 CAGAAAGAGAAGGACTTGGCGGAGAAGCGGGCCAAAGCTGCTAGAAGAGATGGACCAAGAGTTTGGTGTGA
 GCACTTTAGTGGAGGAGGAGTTTGAGCAGAGGCCGACAGGACCTGTACAGCGCCCGGGACTTGCAAGGCC
 CACCGTGGAAACATGCAATCGATTCTTTTCGAGAAGGGGAGACTGTGGTCCCTCACTCTCAAGGACAAAGGG
 GTTCTGCAGGAGGGGAGGATGTGCTGGTGAATGTGAACATGGTGGACAAGGAGCGAGCAGACAAGAACG
 TGGAACTTCGGAAGAAGAAGCCTGACTACCTGCCCTATGTGGAGGACGAGAGTGTGGATGACTTGGCACA
 GCAAAAACCTCGCTCTATCCTGGCCAAATATGATGAGGAACTGGAGGCGAGCGGCCACATTCCTCCGT
 TTAGACAGGGTGGCATGGCCGATGGCCTGAGAGAACGAGAGCTCGAAGAAAATCCGGACCAAGCTACGGC
 TGCAGGCTCAGTCTCTGAACACTGTAGGGCCCGGCTTGCTCTGAGTACCTCAGTCCGGAGGAGATGGT
 GACTTTCAAAAAGACCAACCGGAGAGTGAAGAAAATCCGAAAGAAGGAGAAGGAGGTAATAATGCGGGCA
 GATGACTTGTGCCCTTGGCGAAGACCAGACTCAGGACGGGACTTTGGATCCAGGCTTCGGGGCCGGG
 GTCGGCGCGAGTTCTGAAGTGGAGGAGGAGCCCTTGAGGATGAAGAGAAGGACCCTGTGGCCAGCC
 GCCACCATCAGATGACACTCGCGTAGAGAACATGGACATCAGTATGAGGAGGATGGGGGGCTCTTCCC
 TCGGGGCCCCAGAGCTGGAGGAGGACGAAGCGGAGCTGGAGCTGCAGAAGCAGCTGGAGAAGGGGGCC
 GGCTGCGGCAGCTGCAGCAACTGCAGCAGCTGCGGGACAGCGGTGAGAAGGTGCTGGAGATTGTGAAGAA
 ACTGGAGTCTCGCAACGTGGCTGGGAAGAGGAAGAGGATCCTGAGCGGAAGGGGACCATCGTGTCAAT
 GCCACTTCTGAGTCTGTGCGACTCTGGGGAAAATCCCCACTTACGGATTAGCTGGCAACCGAGAGGAGC
 AGGAGGAGCTCATGGACTTTGAAAGGGATGAAGAGCGCTCGGCCAATGGTGGCTCTGAATCAGATGGCGA
 AGAGAACATTGGCTGGAGCACCGTCAACCTGGATGAGGAGAAGCAACATCAGGATTTCTCCGCTTCTCT
 ACCACCATCCTGGATGAAGAGCCATTGTGAACAGAGGGCTGGCGGCTGCCCTGCTCTGTGTCAGAACA
 AAGGACTGTTGGAGACCAGGTACAAAAGGTGGCCGAGTAAAGGCTCCCAATAAGTCACTGCCTTACAGC
 AGTGTACTGCATCGAGGATAAGATGGCCATTGATGACAAGTACAGCCGACGTGAGGAGTACAGGGGCTTC
 ACCCAGGACTTCAAGGAGAAGGATGGCTACAAGCCCGATGTTAAGATTGAATATGTGGATGAGACGGGCA
 GAAACTGACTCCAAGGAGGCATTCCGGCAGCTGTCCCACCGCTTCCATGGGAAGGGCTCAGGGAAGAT
 GAAGACTGAGCGGCGGATGAAGAAGCTGGATGAGGAGGCGCTCTAAAGAAAATGAGTCCAGTGACACG
 CCCTGGGAACCGTGGCACTGCTCCAGGAGAAGCAGAAGGCTCAAAGAACACCGTACATCGTCTCAGTG
 GCAGTGGCAAGAGCATGAATGCGAACACCATCACCAAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031596
Insert Size: 2421 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:	<ol style="list-style-type: none">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_031596.1 , NP_113784.1
RefSeq Size:	2532 bp
RefSeq ORF:	2421 bp
Locus ID:	29678
UniProt ID:	Q5XIW8
Cytogenetics:	1q43
Gene Summary:	gene expressed in the nucleus and upregulated in proliferating cells, also found in cytoplasm of epithelial cancer cells [RGD, Feb 2006]