

Product datasheet for **RN212910**

Sart3 (NM_001107156) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sart3 (NM_001107156) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sart3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212910 representing NM_001107156
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACGGCGACTGCATCCTCGGCGTCCGAGCCGAGGTTGAGCCCCAGGCCCGCCTGAGGCTGAGG
 GAGAGGAGGATGAGGCGAAGCCGGCGGTGTGGGCAGGAAGGTGCTGTCCAGCGCGAGACAGCCAAAGC
 CAAGGGCCCTGAGCGGGAGGTGCACAGGAAGGTGTGAGCGAGAGCGATGGGGATGAGGAGGACGCCGCC
 ATGGCTTCTCCGCCGAGAGCTCCGCCGGGAGGACGAGTGGGAGTACGACGAGGAGGAGGAGAAGAACC
 AGTTGGAGATCGAGCGGCTGGAGGAGCAGCTGTCCATCAATGGCTATGATTACAAGTCCACGTGGGACT
 CATCAGGCTGTTGCGGCTGGAAGGCGAGCTCAACAAAGTGAGGATGGCCGACAGAAGATGAGCGAGATC
 TTCCCCTTGACTGAAGAGCTCTGGCTGGAGTGGCTCCACGATGAGATCAGCATGGCTGTGGACGGCCTGG
 ACCGCGAGCGTGTCTACGAGCTCTTTGAGAGAGCCGTGAAGGACTACATCTGTCCGAACATTTGGCTAGA
 ATATGGCCAGTACTCAGTTGGTGGCATTGGTCAGAAAGGTGGCCTAGAGAAAGTTCGCTCTGTGTTTGAA
 CGAGCCCTGTCTCTGTTGGCCTACACATGACAAAAGGTCTGGCCATCTGGGAGGCCCTACCGGGAGTTTG
 AAAGTGCCATTGTGGAAGCTGCTCGGCTGGAGAGAGTGCACAGCCTCTCCGGCGGCAGCTGGCGATCCC
 ACTGTACGAGATGGAGGCCACCTTTGCAGAGTATGAAGAATGGTCAGAAGAGCCCATACCTGAGTCCGTA
 CTTAGAGCTATCAGAAGGCACTGGGGCAGCTGGAGAAGTACAAGCCTTACGAGGAAGCACTGTTGCAAG
 CAGAGGCTCCACGGCTGGCGGAGTACCAAGCTTACATCGACTTTGAGATGAAAGTTGGGGATCCTGCTCG
 CATTGAGTTGATCTTTGAGCGTGCCTGGTGGAGAAGTGCCTGGTGCAGACTTATGGATCCGCTACAGT
 CAGTACCTAGATCGACAGCTGAAAGTAAAGGATTTGGTTTTATCTGTACACAGCCGAGCTGTGAGGAAT
 GCGGCTGGACAGTTGCCCTGTGGAGTCGGTACCTCCTGGCCATGGAGCGACACGGACTGGACCATCAAT
 GATTTCCGCGACCTTCGAGAATGCTCTGAGTGCCGATTTCATCCAGGCCACTGATTATGTGGAGATCTGG
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 TGCGGTCCATGTTACGCGTGTCTGGAGTATCTGCAGCAGGAGGTTGAGGAGCGTTTACGCGAGAGCGG
 AGATCAAGCTGCCTGATCATGCAGAGCTGGGCCCGGTTGAGGCTCGCTGTGCAATAACATGCAGAAA
 GCTCGAGAAGTCTGGGACAGCATCATGACCAGAGGGAATGCCAAGTACGCCAACATGTGGCTGGAGTACT
 ACAACCTGGAAGGGCACACGGTGACACACAGCACTGTCGGAAGGCTCTGCACCGAGCTGTGCAGTGCAC
 GAGCGACTACCCTGAGCATGTCTGTGAAGTGTCTCACCATGGAGAGGACAGAAGGGACCTTGAAGAT
 TGGGACCTAGCCATTGAGAAGACAGAGACGCGCTTGGCTCGTGTGAACGAGCAAAGGATGAAGGCTGCAG
 AGAAGGAAGCAGCTCTTGTGCAGCAGGAAGAAGAAAAGGCTGAGCAGCGGAAGAAGGTGCGGGCGGAGAA
 GAAAGCCCTGAAAAAGAGAAGACGCGAGGTGCAGACAAGCGCAAGGCAGGCGAGGACGATGATGAGAGA
 GAGTGCCTGTAAGAGGAGGAAGAACAGCCTTCCAAACGAGAAGGATGGAGAACAGCTTGGCCTCTGGAG
 TGGCTTCAGCTAAGGAGGAAGAAACAAACTTTCCGGGAAATGCTTAACAATAGACGTTGCTCCTCCTTC
 CAAGCAGAAAGAGAAGGCCGCTCCCTTAAGCGGGACATGCCAAGGTGGCTCACGACAGCAGCAAGGAC
 AGTGTCACTGTCTTTGTACGCAACCTGCCCTACAGCATAGAAGAACCAGAGGTGAAGCTCAGGCCGCTCT
 TTGAGGCTGTGGGAAGTGGTCCAGATCAGGCCAATCTTCAGCAACCGTGGGGACTTCCGGGGCTACTG
 CTATGTGGAGTTTAAAGAGGAGAAGTCAGCCCAGCAGGCCCTGGATCTAGACAGGAAGAATGTGGAAGGA
 AGGCCGATGTTTGTGTCCCCTGTGTGATAAGAGCAAGAACCCTGATTTTAAGATGTTTCAGATACAGCA
 CCACCCTGGAGAAACACAACTCTTCATCTCGGCTGCTCCTTTCTGCACCAAGAGGAAGTGAAGG
 CATTTGTAAGGCTCATGGCACTGTTAAGGACCTCAGGCTGTTTACTAACAGGGCCGCAAGCCAAAGGGC
 TTGGCGTACGTGGAGTATGAGAATGAGTCCAGGCTCTCAGGCAGTGTGAAGATGGATGGCATGACCA
 TCAAAGAGAAGTCATCAAAGTGGCGATCAGCAACCCCTCAGCGGAAAGTTCCAGAGAAGCCAGAAGT
 GAGGACAGCCCCAGGAGCCCCATGTTCCCGGCAGATGTATGGAGCGCGGGAAGGGACGACCCAG
 CTCTCGCTTCTCCTCGGCTCTGCAGCGCCAGGGTGTCTCCTCAGGCTGAGAACGGCCAGCTCCGG
 GGCTGGCAGCCACCACCTCTGTGGCACTGAGGCTCCTAAGATGTCCAATGCCGATTTTGCGAAGTACT
 CCTGAGAAAGTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001107156
Insert Size:	2883 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:	<u>NM_001107156.1, NP_001100626.1</u>
RefSeq Size:	3605 bp
RefSeq ORF:	2883 bp
Locus ID:	304582
Cytogenetics:	12q16