

Product datasheet for **RN204623**

Sdc4 (NM_012649) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sdc4 (NM_012649) Rat Untagged Clone
Tag: Tag Free
Symbol: Sdc4
Synonyms: RATRYUDOCA; RYUDOCA
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204623 representing NM_012649
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGCCTGCTGCCTGTTTGCGCCGCTGCTGCTGTTGCTCCTCGGAGGTTTCCCCGTCGCCCCAGGCG
AGTCGATTCGAGAGACTGAGGTCATAGACCCCCAGGACCTCCTGGAAGGCAGATACTTCTCTGGAGCCCT
CCCGGACGATGAAGACGCTGGGGCCTTGAGCAGGACTCTGACTTTGAGCTGTCGGGTTCCGGAGATCTA
GATGACACGGAGGAGCCCAGGACCTTCCCTGAGGTGATTTCAACCTTGGTGCCACTAGATAACCACATCC
CCGAGAATGCCAGCCTGGCATCCGTGTCCCCTCAGAGCCCAAGGAACTGGAAGAGAATGAGGTCATTCC
CAAAGGGTCCCCTCCGACGTGGGGATGACGATGTGTCCAACAAAGTGTCCATGTCCAGCACTCCCAG
GGCAGCAACATTTTTGAAAGAACTGAGGCTTGGCAGCTCTGATTGTGGGCGCGTAGTGGGCATCCTCT
TCGCCGTTTTCTGATCCTGCTGCTGTTGTACCGCATGAAGAAGAAGGATGAAGGCAGTTACGACTTGGC
CAAGAAACCCATCTACAAAAAGCCCCACCAACGAGTTCTACGCAT**G**A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012649
Insert Size: 609 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).



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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:	<u>NM_012649.2</u> , <u>NP_036781.1</u>
RefSeq Size:	2488 bp
RefSeq ORF:	609 bp
Locus ID:	24771
UniProt ID:	<u>P34901</u>
Cytogenetics:	3q42
Gene Summary:	regulates cell-matrix interactions; may bind phospholipids and play a role in phosphoinositide-mediated signaling [RGD, Feb 2006]