

Product datasheet for **RR200031**

Sgcd (NM_001109029) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sgcd (NM_001109029) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Sgcd
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR200031 representing NM_001109029
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCTCAGGAACAGTACTCACACCACAGGAGCACCATGCCAGCTCTGAGGGGCCACACATATACAAAG
TGGGATTTACGGCTGGAGGAAAAGATGCCTGTATTTCTTTGTCCTACTCCTCATGATTTTAATACTGGT
GAACCTGGCCATGACCATCTGGATTCTCAAGTCATGAATTCACAATTGGTAATGCCCTATACTTCAA
TCTGCCAGGAACGTGACAGTGAACATTCTCAATGACCAGACAAAAGTGCTGACTCAGCTAGTGACAGGTC
CAAAGGCTGTGGAAGCATACGGCAAAGGTTTGAAGTAAAACTGTTTCTGGAAAATTGCTCTTTCTGC
GGACGACAGTGAAGTGGTCGTAGGAGCCGAGAGATTGCGAGTCTTAGGAGCTGAAGGCACAGTCTCCCC
AAATCCATAGAAACACCTAATGTCAGAGCAGACCCCTTCAAGGAATAAGGTTGGAGTCCCCAACCCGCT
CTCTAGTGATGGAAGCCCCAAAAGGAGTAGAAATAAATGCAGAAGCTGGCAATATGGAGGCCACCTGCAG
AAGTGAGCTGAGACTGGAGTCCAAGGACGGAGAGATTAAGTTAGATGCTGCGAAAATCAAACCTAGTA
CTGCCTCGTGGATCCTACACACCCACAGGAACGAGGCAGAAGGTTCTCGAGGTCTGCGTCTGCGCCAATG
GGAGGTTATTCTGTCCAGGCAGGAAGTGGTTCTACTTGTGAGATAAACACAAGTGTCTGCCTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR200031 representing NM_001109029
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MPQEYSHRSTMPSSSEPHIYKVGIYGWRKRCLYFFVLLLMILILVNLAMTIWILKVMNFTIGNALYFK
SARNVTVNILNDQTKVLQQLVTGPKAVEAYGKRFEVKTVSGKLLFSADDSEVVVGAERLRLVLAEGTVFP
KSIETPNVRADPFKELRLESPTRSLVMEAPKGVINAEGNMEATCRSELRLSKDGEIKLDAKIKLPR
LPRGSYPTGTRQKVFVVCANGRLFLSQAGTGSTCQINTSVCL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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_001109029.1, NP_001102499.1</u>
RefSeq Size:	1525 bp
RefSeq ORF:	768 bp
Locus ID:	497892
Cytogenetics:	10q21
MW:	28.3 kDa