

## Product datasheet for **RN203982**

### Sgce (NM\_001002023) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sgce (NM\_001002023) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sgce  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN203982 representing NM\_001002023  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTATTATTCTGGTGGTGGGAGCTGGGAGACCCTTGTGCTTGGACGGAAAGGGTCGGGGACACTCA  
 AGATGAGCCCCGCGACCACTGGCACATTCTACTGACAGTGTACACTCTTTCTCCAAGGTGCACCTGA  
 CCGGAACGTCTACCCATCTCGGGTGTCTCTTTGTCCATGTGCTGGAGAGAGATATTTAAGGGGAA  
 TTTCCACCTTATCCAAAGCCTGGTGGTGTAGTAAATGATCCCATAACATTTAACACAAATTAATGGCT  
 ATCCAGACAGACCTGGATGGCTTCGGTACATCCAAAGAACCACATACAGCGATGGAGTCCTGTATGGGTC  
 TCCAACAGCCGAAAACGTGGGAAACCACTATCATTGAGATAACTGCCTACAACAGACGTACCTTTGAG  
 ACTGCAAGGCATAATTTGATAATCAATATAATGTCAGCAGAAGAATCCCGTTGCCATATCAAGCAGAAT  
 TCTTCATCAAAAATATGAATGTGGAAGAAATGTTGCCAGTGAGGTTCTGGAGACTTTCTCGGGGCTGT  
 AAAGAATGTGTGGCAGCCGGAACGCCTCAATGCTATCAACATCACATCGGCCCTAGACAGGGCGGTAGG  
 GTGCCACTTCTATTAAGACATGAAGGAGGGTGTATGTCATGGTTGGTGCCGACGTTGCATTTTCTT  
 CTTGTTTACGAGAAGTTGAAAATCCACAGAATCAGTTAAGGTGCAGTCAAGAAATGGAACCTGTGATAAC  
 ATGCGATAAAAAGTTCCGAACCTCAGTTTACATTGACTGGTGCAAGATTTCAATGGTTGATAAAACAAAG  
 CAAGTGTCCACCTATCAGGAAGTGGTTCGTGGCGAGGGCATTTCGCCGATGGTGGGGAGTACAAGCCCC  
 CTTCCGATTCTTTGAAAAGCCGAGACTATTACACGGATTTCTCGTTACCCTGGCTGTGCCCTCGGCAGT  
 AGCACTAGTTCTTTCTAATACTCGCTTATATCATGTGCTGCCGACGGGAAGGAGTGGAAAAGAGAAAAC  
 ATGCAACCCAGATATCCAACCTGTCCATCACAGCTCTATTAGAAATCTACCAAGGAGCTTCGAGACA  
 TGTCAAAAACAGAGAGATTGCATGGCCCTGTCAACACTCCCCGTGTTTCAACCACTGACTGGGGAGAT  
 CATACCTCCCATGCACACGGACAACACGACAGTACCAACATGCCCTTGATGCAGACACAGCCGAACCTG  
 CCACACAGACTCAGATCCCCAACAGCAGACTACAGGTAATGGTATCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI



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<b>ACCN:</b>	NM_001002023
<b>Insert Size:</b>	1314 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001002023.2</a></u> , <u><a href="#">NP_001002023.1</a></u>
<b>RefSeq Size:</b>	1657 bp
<b>RefSeq ORF:</b>	1314 bp
<b>Locus ID:</b>	432360
<b>UniProt ID:</b>	<u><a href="#">Q6YAT4</a></u>
<b>Cytogenetics:</b>	4q13
<b>Gene Summary:</b>	Component of the sarcoglycan complex, a subcomplex of the dystrophin-glycoprotein complex which forms a link between the F-actin cytoskeleton and the extracellular matrix. [UniProtKB/Swiss-Prot Function]