

## Product datasheet for MC210691

### Sdccag3 (NM\_001085407) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sdccag3 (NM\_001085407) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sdccag3  
**Synonyms:** C330016H24Rik; C630038K21Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC210691 representing NM\_001085407  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGC**C

ATGTCGGGCTACGCGGGCGGCAGGGCGGCCCTCTATCGCGGACGCGGAGCCTTGTGGTCCCGACG  
 GTTTTGGCTATGAAAGGGGAAATGTAACCAAGTCTTCGGGAGCCCTGAGACGCGCTTTGGAGG  
 TGACAACTTGAAGACCTTGAAGAAGCCAATCCATTCTCCTTCAAAGAGTTTTTGGAAACCAAGAACCTC  
 AGCCTGTCAAAGAAGACACGACCACCGCCGAATTTACCCAAAGGAAGCCTCAAGGCACCCACTGGGAC  
 TAGAGCACAGCTCCCCTGCCTCCAGCTCATGGGATATGGCCTGGAATCTCAGCAGCCATTTTTGAAGA  
 CCCAACAGAGCCAGCAACCTAGAGGAGGATGAAGATGATGGATGGAATATAACCTACTTGCCATCTGCC  
 GTGGATCAGACTCATTCTCTAGAGACACAGGACTCACCGCCTGTGACACCTACCTTTCCTTTTTCT  
 CCAACTCGTCAGAGCTGGCATGTCCCGAGTCTTTGCCCCATGGACGCTGAGTGACACCGACTCCAGGAT  
 CTCCCCAGCGTCTCCAGCTGGGAGTCTAATGCAGACTTGCAGCTCATGAAGAATCCCTAGGGGACAGA  
 CACCTGCGGACGCTGCAGATAAGTTATGAAGCACTGAAAGATGAAACTCTAAGCTCAGAAGAAAGCTAA  
 ATGAGTTTCAGAGCTTCTGAAACTCAAACAGAAATGGTGAGGACACTCGAACGGAAGTTGGAGGCGAA  
 GATGATCAAGGAGGAGAGTGACTTCCATGACCTCGAGTCAGTAGTCCAGCAAGTCGAACAGAACCTTGAA  
 CTGATGACCAAACGGGCTGTAAAAGCAGAAAATCATGTCTTGAAGCTGAAACAGGAAATAAATTTGCTTC  
 AGGCCAGCTCTCAAACCTGAGGCGAGAAAATGAAGCCCTGCGGTGAGGCCAGGGTGCCAGCCTTTCTGT  
 AGTGAAGCAGAACACCGACGTGGCCTTGCAGAACCTCCACCTTGTGATGAACAGTGCACACGCATCCATA  
 AAGCAGCTGGTGTCTGGGCAGACACACTGAACCTTGTGCTGAAATCCTCAAGTCTATCGACAGAATTA  
 GTGAAGTTAAAGATGAGGTGGACTCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_001085407
<b>Insert Size:</b>	1149 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_001085407.1</a></u> , <u><a href="#">NP_001078876.1</a></u>
<b>RefSeq Size:</b>	2045 bp
<b>RefSeq ORF:</b>	1149 bp
<b>Locus ID:</b>	68112
<b>UniProt ID:</b>	<u><a href="#">A2AIW0</a></u>
<b>Cytogenetics:</b>	2 A3
<b>Gene Summary:</b>	May be involved in modulation of TNF response. May be involved in presentation of TNFRSF1A on the cell surface (PubMed:16332174). Involved in the endosome-to-plasma membrane trafficking and recycling of SNX27-retromer-dependent cargo proteins, such as GLUT1. Involved in the regulation of cytokinesis; the function may involve PTPN13 and GIT1 (By similarity).[UniProtKB/Swiss-Prot Function]