

Product datasheet for MC210692

Sdccag3 (NM_026563) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sdccag3 (NM_026563) 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:	>MC210692 representing NM_026563 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCGGGCTACGCGGGCGGCAGGGCGGCCCTCTATCGCGGACGCGGAGCCTTGTGGTCCCGACG
CTCCTCGCTTCTATGAGCGCCGGTCTTGTCTCCCCAGCTAGACTGTGAGCGCCCCATGGCGGGACCT
GCACCCCATCTCTTCGGCTTTTCGGCCGACGTTTATGTGCTATGTGCCAGCCCGGTGCTGGCTTCGGTA
GGAGACACAGGTTTTGGCTATGGAAGGGGAAATGTAACAAGGTCCTTCGGGAGCCCTGAGACGC
GCTTTGGAGGTGACAACTTGAAGACCTTGAAGAAGCCAATCCATTCTCCTTCAAAGAGTTTTTGA
CAAGAACCTCAGCCTGTCAAAGAAGACACGACCACCGCAATTTACCCAAAGGAAGCCTCAAGGCAC
CCACTGGGACTAGAGCACAGCTCCCTGCCTCCAGCTCATGGGATATGGCTGGAATCTCAGCAGCCAT
TTTTTGAAGACCAACAAGAGCCAGCAACCTAGAGGAGGATGAAGATGATGGATGGAATATAACCTACTT
GCCATCTGCCGTGGATCAGACTCATTCTCTAGAGACACAGGACTCACCGCCTGTGACACCTACCTT
TCCTTTTTCTCCAACCTCGTCAGAGCTGGCATGTCCCGAGTCTTTGCCCCATGGACGCTGAGTGACACCG
ACTCCAGGATCTCCCGAGCTCTCCAGCTGGGAGTCTAATGCAGACTTGCAGCTCATGAAGAATCCCT
AGGGGACAGACACCTGCGGACGCTGCAGATAAGTTATGAAGCACTGAAAGATGAAAACCTTAAGCTCAGA
AGAAAGCTAAATGAGGTTAGAGCTTCTCTGAAACTCAAACAGAAATGGTGAGGACACTCGAACGGAAGT
TGGAGGCGAAGATGATCAAGGAGGAGAGTGACTTCCATGACCTCGAGTCAGTAGTCCAGCAAGTCAACA
GAACCTTGAAGTATGACCAACCGGCTGTAAAAGCAGAAAATCATGTCTTGAAGCTGAAACAGGAAATA
AATTTGCTTCAGGCCAGCTCTCAAACCTGAGGCGAGAAAATGAAGCCCTGCGGTGAGGCCAGGGTGCCA
GCCTTTCTGTAGTGAAGCAGAACACCGACGTGGCCTTGCAGAACCTCCACCTTGTCATGAACAGTGCACA
CGCATCCATAAAGCAGCTGGTGTCTGGGCAGACACACTGAACCTTGTGCTGAAATCCTCAAGTCTATC
GACAGAATTAGTGAAGTTAAAGATGAGGTGGACTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_026563
Insert Size:	1299 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:	<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_026563.3</u> , <u>NP_080839.2</u>
RefSeq Size:	2195 bp
RefSeq ORF:	1299 bp
Locus ID:	68112
UniProt ID:	<u>A2AIW0</u>
Cytogenetics:	2 A3
Gene Summary:	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]