

Product datasheet for MC210693

Sdccag3 (NM_001085408) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sdccag3 (NM_001085408) 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:	>MC210693 representing NM_001085408 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGC

ATGTCGGGCTACGCGGGCGGCAGGGCGCGCCCCCTCTATCGCGGACGCGGAGCCTTGTGGTTCGCCAGC
GTGACAACTTGAAGACCTTGAAGAAGCCAATCCATTCTCCTTCAAAGAGTTTTGAAAACCAAGAACCT
CAGCCTGTCAAAGAAGACACGACCAGCCGAATTTACCAAAGGAAGCCTCAAGGCACCCACTGGGA
CTAGAGCACAGCTCCCTGCCTCCAGCTCATGGGATATGGCCTGGAATCTCAGCAGCCATTTTTGAAG
ACCCAACAAGAGCCAGCAACCTAGAGGAGGATGAAGATGATGGATGGAATATAACCTACTTGCCATCTGC
CGTGGATCAGACTCATTCTCTAGAGACACAGGACTCACCGCCCTGTGACACCTACCTTTCTTTTTC
TCCAACCTCGTCAGAGCTGGCATGTCCCGAGTCTTTGCCCCATGGACGCTGAGTGACACCGACTCCAGGA
TCTCCCCAGCGTCTCCAGCTGGGAGTCTTAATGCAGACTTTGCAGCTCATGAAGAATCCCTAGGGGACAG
ACACCTGCGGACGCTGCAGATAAGTTATGAAGCACTGAAAGATGAAACTCTAAGCTCAGAAGAAAGCTA
AATGAGGTTTCAAGCTTCTCTGAACTCAAACAGAAATGGTGAGGACACTCGAACGGAAGTTGGAGGCGA
AGATGATCAAGGAGGAGAGTGACTTCCATGACCTCGAGTCAGTAGTCCAGCAAGTCAACAGAACCTTGA
ACTGATGACCAACGGGCTGTAAAAGCAGAAAATCATGTCTTGAAGCTGAAACAGGAAATAAATTTGCTT
CAGGCCAGCTCTCAAATTTAGGCGAGAAAATGAAGCCCTGCGGTGAGGCCAGGTGCCAGCCTTTCTG
TAGTGAAGCAGAACACCGACGTGGCCTTGAGAACCTCCACCTTGTGATGAACAGTGCACACGCATCCAT
AAAGCAGCTGGTGTCTGGGGCAGACACTGAACCTTGTGCTGAAATCTCAAGTCTATCGACAGAATT
AGTGAAGTTAAGATGAGGTGACTCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001085408


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Insert Size:	1080 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_001085408.1, NP_001078877.1</u>
RefSeq Size:	1976 bp
RefSeq ORF:	1080 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]