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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC210691 representing NM_001085407
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCGGGCTACGCGCGGCGGCAGGGCGCGCCCCCTCTATCGCGGACGCGGAGCCTTGTGGTTCCCGACG
GTTTTGGCTATGGAAAGGGGAAATGTACTAACCAAGGTCCTTCGGGAGCCCCTGAGACGCGCTTTGGAGG
TGACAAACTTGAAGACCTTGAAGAAGCCAATCCATTCTCCTTCAAAGAGTTTTTGAAAACCAAGAACCTC
AGCCTGTCAAAAGAAGACACGACCACCAGCCGAATTTACCCAAAGGAAGCCTCAAGGCACCCACTGGGAC
TAGAGCACAGCTCCCCTGCCTCCCAGCTCATGGGATATGGCCTGGAATCTCAGCAGCCATTTTTTGAAGA
CCCAACAAGAGCCAGCAACCTAGAGGAGGATGAAGATGATGGATGGAATATAACCTACTTGCCATCTGCC
GTGGATCAGACTCATTCCTCTAGAGACACACAGGACTCACCGCCCTGTGACACCTACCTTTCCTTTTTCT
CCAACTCGTCAGAGCTGGCATGTCCCGAGTCTTTGCCCCCATGGACGCTGAGTGACACCGACTCCAGGAT
CTCCCCAGCGTCTCCAGCTGGGAGTCCTAATGCAGACTTTGCAGCTCATGAAGAATCCCTAGGGGACAGA
CACCTGCGGACGCTGCAGATAAGTTATGAAGCACTGAAAGATGAAAACTCTAAGCTCAGAAGAAAGCTAA
ATGAGGTTCAGAGCTTCTCTGAAACTCAAACAGAAATGGTGAGGACACTCGAACGGAAGTTGGAGGCGAA
GATGATCAAGGAGGAGAGTGACTTCCATGACCTCGAGTCAGTAGTCCAGCAAGTCGAACAGAACCTTGAA
CTGATGACCAAACGGGCTGTAAAAGCAGAAAATCATGTCTTGAAGCTGAAACAGGAAATAAATTTGCTTC
AGGCCCAGCTCTCAAACTTGAGGCGAGAAAATGAAGCCCTGCGGTCAGGCCAGGGTGCCAGCCTTTCTGT
AGTGAAGCAGAACACCGACGTGGCCTTGCAGAACCTCCACCTTGTCATGAACAGTGCACACGCATCCATA
AAGCAGCTGGTGTCTGGGGCAGACACACTGAACCTTGTTGCTGAAATCCTCAAGTCTATCGACAGAATTA
GTGAAGTTAAAGATGAGGTGGACTCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001085407
Insert Size:	1149 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:	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:	NM_001085407.1, NP_001078876.1
RefSeq Size:	2045 bp
RefSeq ORF:	1149 bp
Locus ID:	68112
UniProt ID:	A2AIW0
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]

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