

Product datasheet for **MC200639**

Sdc1 (NM_011519) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sdc1 (NM_011519) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sdc1
Synonyms:	AA408134; AA409076; CD138; Sstn; syn-1; Synd; Synd1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC010560 sequence for NM_011519
 CCGACGCGTGGGCGGACGCGTGGGCTCGGCGGGAGAGGTGCGGGCCAGAGGAGACAGAGCCTAACGCAGA
 GGAAGGGACCTGGCAGTCGGGAGCTGACTCCAGCCGGCGAAACCTACAGCCCTCGCTCGAGAGAGCAGCG
 AGCTGGGAGGAGCCTGGGACAGCAAAGCGCAGAGCAATCAGCAGAGCCGGCCCGGAGCTCCGTGCAACC
 GGCAACTCGGATCCACGAAGCCACCGAGCTCCCGCCCGCGTCTGGGCAGCATGAGACGCGCGGCGCTC
 TGGCTTTGGCTCTGCGCGCTGGCGCTGCGCCTGCAGCTGCCCTCCCGCAAAATTTGGCTGTAATGTTCC
 TCCTGAAGATCAGGATGGCTCTGGGGATGACTTGACAACCTTCTGGCTCTGGCACAGTGCTTTGGC
 AGATACTTTGTCACGGCAGACACCTTCCACTTGAAGGACGTGTGGCTGTTGACAGCCACGCCACAGCT
 CCAGAGCCACCAGCAGCAACACCGAGACTGCTTTTACCTCTGTCTGCCAGCCGGAGAGAAAGCCGAGG
 AGGGAGAGCCTGTGCTCCATGTAGAAGCAGAGCCTGGCTTCACTGCTCGGGACAAGGAAAAGGAGGTAC
 CACCAGGCCAGGGAGACCGTGCAGCTCCCATCACCAACGGGCCTCAACAGTCAGAGTCACCACAGCC
 CAGGCAGCTGTCACATCTCATCCGCACGGGGCATGCAACTGGCCTCCATGAGACCTCGGCTCCACAG
 CACCTGGTCAACCTGACCATCAGCTCCACGTGTGGAGGTGGCGGCACTTCTGTATCAAAGAGTTGT
 CGAGGATGGAAGTCCAATCAGTTCCCGCAGGAGAGGGCTCTGGAGAACAAGACTTCACCTTTGAAACA
 TCTGGGAGAACAACAGCTGTGGCTGCCGTAGAGCCGGCCTGCGGAATCAGCCCCGGTGGACGAAGGAG
 CCACAGGTGCTTCTCAGAGCCTTTTGGACAGGAAGGAAGTGTGGGAGGTGCATTGCCGAGGCCCTGGT
 GGGCCTCATCTTTGCTGTGTGCCTGGTGGCTTTTATGCTGTACCGGATGAAGAAGAAGGACGAAGGAAGC
 TACTCCTTGGAGGAGCCAAACAAGCCAATGGCGGTGCCTACCAGAAACCCACCAAGCAGGAGGAGTTCT
 ACGCCTGATGGGAAATAGTTCTTTTCCCCCACAGCCCTGCCACTACTAGGCTCCCACTTGGCTCT
 TCTGTGAAAAACTTCAAGCCCTGGCCTCCCCACCACTGGGTATGTCTCTGCACCCAGGCCCTTCCAGC
 GTTCTCCTGCTGAGTGGTCCCAGGGTGTGCTGGAACTGATCCCTCCTTTGACTTCTGCCTAGAAGCT
 TGGGTGCAAAGGGTTTCTTGCATCTGATCTTTCTACCACAACACACCTGTGCTCACTCTTCTGACTTG
 GTTTCTCAAATGGGAGGAGACCCAGCTCTGGACAGAAAGGGGACCCGACTGCTTTGGACATAGATGGCC
 TATTGCGGCTGGAGGATCCTGAGGACAGGAGAGGGGCTTCGGCTGACCAGCCATAGCACTTACCCATAGA
 GACCGCTAGGGTTGGCCGTGCTGTGGTGGGGATGGAGGCTGGCTCCTTGAATCCACTTTTTCATTGT
 GGGGAGGTCTACTTTAGACAACCTTGGTTTTGCACATATTTTCTCTAATTTCTCTGTTTCCAGAGCCCA
 GACCTTACTGGGTAAGGCAAGTCTGTTGACTGGTGTCCCTCACCTCGCTTCCCTAATCTACATTCA
 GGAGACCGAATCGGGGTTAATAAGACTTTTTTGTTTTTTGTTTTTTAACTAGAAGAACCAAA
 TCTGGACGCCAAAACGTAGGCTTAGTTTGTGTGTGCTCTGAGTTTGTGCTATGCGTACAACAGGGT
 ATGGACTATCTGTATGGTCCCCATTTTGGCGGCCGTAAGTAGGCTGGCTAGTCCAGGATACTGTGGA
 ATAGCCACCTCTTGACAGTCATGCCTGTGTGCATGGACTCAGGGCCACGGCCTTGGCCTGGCCACCGT
 GACATTGGAAGAGCCTGTGTGAGAACTTACTCGAAGTTCACAGTCTAGGAGTGGAGGGGAGGAGACTGTA
 GAGTTTTGGGGAGGGTGGCAAGGGTGCCCAAGCATCTCCACCTTTGGTACCATCTCTAGTACCCTT
 TCTCCCGAAGTTGACAAGACACATCTTGTAGTATGGCTGGCACTGGTTCCATCAAGAACCAAGTTCA
 CCTTCAGTCTCTGTGGCCCCGCCCCAGGCTGGAGTCAGAAATGTTTCCAAAGAGTGTGCTTTTGGCTT
 TTGGCAAACGCTACTTAATCCAATGGTTCTGTACAGTAGATTTTGCAGATGTAATAAACTTTAATATA
 AAGGAGTCTATGAACTTAA

Restriction Sites: RsrII-NotI

ACCN: NM_011519

Insert Size: 936 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: [BC010560](#), [AAH10560](#)

RefSeq Size: 2513 bp

RefSeq ORF: 936 bp

Locus ID: 20969

UniProt ID: [P18828](#)

Cytogenetics: 12 3.94 cM

Gene Summary: Cell surface proteoglycan that bears both heparan sulfate and chondroitin sulfate and that links the cytoskeleton to the interstitial matrix. Regulates exosome biogenesis in concert with SDCBP and PDCD6IP.[UniProtKB/Swiss-Prot Function]