

## Product datasheet for **MC205207**

### Sdc3 (NM\_011520) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sdc3 (NM_011520) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sdc3
Synonyms:	mKIAA0468; syn-3; Synd3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC054795  
CCGCGAGCGAGCGAACGAACGAGCGAGGCGGAGCCGGCGGCCGAGGAGCCGAGCGCAGGTCGCCGCGAGC  
CCGCGCCGCGAACAAAGGCCGCATGAAGCCCGGGCCGCGCGCCGCGGGACCGCACAGGGCGAGCGCGT  
GGACACCGCCACCCATGCGCCCGGGGCCCGGGCTGTTGCTGCCACCGCTGCTGCTGCTGCTGCTGCC  
GGCCGCGCCGCGGGGGCTCAACGCTGGCGCAATGAGAACTTCGAGAGGCCGGTGGATCTTGAGGGCTCAG  
GGGATGACGACTCGTTTCTGATGATGAACTAGACGACCTCTACTCGGGGTGAGGCTGCTGCTACTTCGA  
GCAGGAGTCCGGCCTTGAGACGGCCATGCGGTTTCCCTGATATGGCCCTGGCTGCGCCCACTGCACCT  
GCCATGTACCCACAACCGTTATCCAGCCCGTGGACCCCATTTGAGGAACTCCTTTCTGAGCACCCCA  
GCCCTGAACCAAGTACCAGTCCCGCGTGGTGACAGAGGTGACAGAGGTGTAAGAGTCCAGCCAGAA  
AGCTACCACCATCTACCACCACATCTACCACCGGCCACCACACAGGGGCCCAACTATGGCCACA  
GCACCTGCCACAGCAGCCACCACTGCCCTAGCACTCCCGAGGGCCCCCTGCCACGGCTACCGTGGCTG  
ACGTAAGGACCACCGGCATACAGGGGATGCTGCCTCTTCCCTGACCACAGCTGCCACAGCCAAGATCAC  
TACCCAGCAGCACCTCACCACCACTACTGTGGCTACCTTGGACACAGAGGCCCCGACACCTAGGCTG  
GTCAACACAGCTACCTCGAGGCCACGAGCCCTTCTCGGCCAGTCACCACCCAGGAGCCTGATGTTGCTG  
AGAGGAGTACCCTGCCGTTGGGGACCACGGCTCCTGGACCCACGGAGATGGCTCAGACCCCAACTCCAGA  
GTCCCTTCTGACCACCATCCAGGATGAGCCAGAGGTGCCAGTAAGTGGGGGGCCAGCGGGGACTTTGAG  
CTTCAAGAAGAGACCACGCAGCCGGACACGGCCAATGAGGTGGTGGCTGTGGAAGGAGCCGCGGCCAAGC  
CGTCACCTCCACTGGGGACACTGCCAAGGGTGGCCGCCAGGCCCTGGCCTCCACGACAATGCCATCGA  
TTCGGGCAGCTCGGCCGCCAGCTCCCTCAGAAGAGCATACTGGAGCGGAAGGAGGTGCTCGTAGCCGTG  
ATCGTGGGTGGGTGGTGGCGCCCTTCTCGCTGCCTTCTGGTACGCTGCTCATCTACCGCATGAAGA  
AGAAGGACGAAGGCAGCTACACCTTGAAGAACCAAGCAGGCAAGCGTCACGTACCAGAAACCTGACAA  
GCAGGAGGAGTTCTACGCTTAGCAGAGCCACAGTGCCTCCTGCAGCCTCCACTCCGCTCGCCAGTCCC  
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CTTTCTGCTCAGGCTGCTAGCGTAACACAGACTGTCTAAGGAGCAGAGGTGCTGCCATCTGCCACAGC  
TGTGTCTTATGACCCCTCTTTGGTCCCATTCCCTCCAGCCCGGGCTTCAGGACCTTGTGCCCATGG  
ACAAGAGGAAGGAAGCCCTGGGTTGCTGGTTGAAACAGGGGCAGGGCAGGGTAAAGATGGCCACAGTG  
CTTGCTGATGTCCTTCTTCTGCTCCAGAGGCCACCATGCTGGCTTCTAGAACCAATAATACATGGTACAT



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CTAGCCCTCCAATTCAAATCACCCAGATGCTGTGGCCTCGAGCTGCTGTCCCAAGGCCTCTCTTGGAC  
 AGGAGGGTGCCCTTTGTACCAGCCTGAGCTCATGATGGGGTACCCGCCCTCCCTGCCAAATGCAC  
 AGGTCCCAGGCTGCACCTCTTCTGCATTGCCTCCCAGGGAAAGGGCTTCTTCAGTGTACAGGGCAGC  
 CAGTGGTAAGTGAGGCCAGTCTAGCATCCCTCCTGAGAGGGGATGCCACATAGCCTCCGTCAACCACTAC  
 TAGAATCTAAATGCATTACACAGGAGACAAAAACATACCCAGTCTGACCACCCAGCCAGCGAGACA  
 TCACACAGATGCACCACCTTACGCAGTGTCTAGCCATCCTGATGCTTCTGCTACATCGTAGGCCACTGT  
 CATTGTACCAGTGGCGACCACACCCTTCTCCCAATCTATTCTCTTACACACATTGGTCTGCATC  
 TGGCTCCTCTAACCATCCAGTCACTGAGGAAGCAGGACCGAGTTGTAGGCATCAGCCCATATTGGGTC  
 CCCCAGAGTCACTCTATTCCACTTGGTCCCCACCATGACACCTATACCAGCCACACTGATGCTGATCCCA  
 GCTGACGTCACTACAAGCCACACAGTTAATGCAGGCTCTCCCTCCCCACTGTGGCTCATAGAGAAGT  
 TTGGGGTAGCCTCCACCAGCCAAGTTTGAAGCAAGAAGGGAGCTAGGGCCTCCCAGGACCAAGGCGCTG  
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 CACGTGTCTCAAAGTGCCTGTGAGGGTGGGCTCCGCCAGGCCCTGTGTCCCCTGCCCTGCCCTGGC  
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 CAGTTCTGGCTATATCCAGATGAACCCATAGCCCACCAGGCTCATCCCAATGCTATAGGCTCTGAGAAC  
 ATTGATGGGACAAAGGGTGTACAGGCCTCAAGTCTACCATCCTGTCTCTGTTATCCTTAGAAGTGGGGC  
 TATTTAGAGGATTTAAATGTGGGGGTCACCATTTCTTTGTGAAAGGGCCATGCCAAGGAGCTCT  
 CAGCACCAAAGGGACACAGCTTGGGTAGTACTGGCCGGCACCCCTCCACCATCTCTCACATGTCCCAGG  
 TTCAGTCAAGTGACCACATGGTTCTTTCTGTTTCATTTAAAGAATCCCTGACAGCAGAGTTGGGCAGA  
 CTGAAGAACCACATCTGGGTAATGGACAGGATCTAGGCAGTTGGCACAGCTTGTCTTTCTGGGGTGGGG  
 TGGAGGGGGTGTCCCCTGTGAGGCTCTGTTCTGTCTTCCAGACCTCCATGACTCCCTTGTGGGACTTT  
 AGAGTTTTGTAAAGCCAGTCGGCTGGTCTTTAAGTGGGGGGAAGGAATGAGAGGCGTCTAAACCCATG  
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 AGTGTCCAGACCCTCCACTCCCTCCCTGGTAAGCTGCAGTCTTGGGGACTAGAGCTTTGAAAGAGAGG  
 CTCAGCAGCTGGGCGAGGCAACCTCCAGGTAAGTCAAGCCAAAGGGGACACCACGACAGGGCAGGAGGCC  
 CAGCTTGTGTGGGCTAGGGTCACTTCTCACATCTCAGGGTGGCTCTGGCCCTGGGGCTATGGGTTT  
 GGCATCCTGATACCAGCATCCTAATGTGTGAGCATCTGAGAGAAGAGGCAGTGGGTCTAAGTATGGGG  
 TCCGGGCTCAAAGGCCAACGCCTAGGCTTATGGCCATGGCGTTTACCTGAAGGTTAATGGTGTGAGCA  
 GCCCAGATAAACTGGGCTAGCCTGGTGAGGCCAGGACGATTTAAGAGAACTCAGTTCCAAGGGTGAAGT  
 AATTCTTCTAGTCAATGTGGGTGCGGGTCCCACCCTGCCCCAGAAACAGTGGGTACATACAGAGC  
 CTGTCAAAGGAGTCCAGAGACACCTCAGTGTCTCTGGGAAGGATTCAGGACACCGGCTTGCCTGGAGA  
 CACAATGCATTGAATCAGAGGTGGTGTGTCTCTGGGACTTCTCTGGGCCCTGGTTTCCCTAGAGAGT  
 AAGACATGCTGGGGCCAGAGCACTGAAGAGCTAAGCTTCACTCTCTTGGGGCCAGACTAGGGACTCTA  
 TGTGTAAGGTTGATTCTCCTGGGATGTGCCTCCAGCCTTGGTGTCTGTAATAGAAGGCCACACTGTAC  
 AGATCTACAGAGAGGCCAAACTGGGCTCTGGTGTACCATCTGAGGGGCTGATGGCCTGGCTTCCCCCA  
 GGTGCCCTGTGGGTGCTTGGGTATGCCTGGCCCCGGCGTGGTGAATGCATGTAATACTTCGTAGACAGT  
 GTGGCTCCAGAGAGCCCCCTGAGACAGTGTCCCCCACCTTACTGGTTCATCCTCTCTCCTGTACAGAG  
 CCCTCCAGCCCCCTGGGCCACCAGGATCAGGGGTTACCTCCCTCCCCAGACCTTCTACCCGTTCTCT  
 CCCTATAACCTGTTTATTAACCAACCCTGTCTGAGTTTCAAGGCAAACTTAAATAAGAGAAGGAGGAG  
 AGGGTCAGATGGATAAAGATAAAGATAACCAAGGCCTGGTCCATCCTTACCATGGGCGCTCGTACACCCT  
 GGCTTGGGAAGGACAGGCTTGTCTTGTCTTGTCTGTTAGTTTTGTTTTTAAACATTTCCCTGTGC  
 TGTGCCCATTTATAAGAGGAAATAAAATTAAGCTGAAAGATAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:**

Ascl-NotI

**ACCN:**

NM\_011520

**Insert Size:**

1329 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).

<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>	<a href="#">BC054795</a> , <a href="#">AAH54795</a>
<b>RefSeq Size:</b>	4753 bp
<b>RefSeq ORF:</b>	1329 bp
<b>Locus ID:</b>	20970
<b>UniProt ID:</b>	<a href="#">Q64519</a>
<b>Cytogenetics:</b>	4 63.63 cM
<b>Gene Summary:</b>	Cell surface proteoglycan that may bear heparan sulfate. May have a role in the organization of cell shape by affecting the actin cytoskeleton, possibly by transferring signals from the cell surface in a sugar-dependent mechanism (By similarity).[UniProtKB/Swiss-Prot Function]