

## Product datasheet for MC211289

### Dscc1 (NM\_183089) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dscc1 (NM\_183089) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Dscc1  
**Synonyms:** 2010006I05Rik; 2600005O03Rik; Dcc1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211289 representing NM\_183089  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCCCCCGGAGCGCTTCCCGGAGGACCCGCGAGGAAGTGGACGCGACGCTGCAGGTTGCCAAGCTGA  
ACGCCACCGAGCTGCTGCCACGGTGCCTGACTGCCTGAGCTTCAGCTCCGGGACCGCGCGGCCACCGG  
CGACTTCTGCCTGCTGGAGCTGGAACCAGCACTGTGCCAGCAGCTGGAGGCCGGGACAGCTTTGTGATT  
AGAGGAGATAAGGATGAACAGGCTGTGTTGTGCAGTAAAGACAAAACCTACGACCTGAAGATAGCAGACA  
CATCCAACATGCTGCTTTTCATCCCTGGATGCAAAACTCCAGACCAGCTGAAGGAGGAGGAAACCAAG  
TGCCATCGTTCACACGGAGATCTTTGGCTTCTCTAATAATTATTGGGAATTAAGAAGATGCAGACCTAAG  
TTAAAAAGCTAAAGAGACTTCTAATGGAAAATACCTACGAAGGCCCTGACAGTCAGAAAGAAGAGGATG  
CAAGCCGCTCAAAATATACAACCTGAAGATTTGCTTAATCATATTCAGGCAAGTGAGGAGGAGATAATGCC  
TCAGTTACAAGTCTAAATGCCTGTGAGATTGGAGGCTACTGGAGGATCTTGAGTTTGATTATGAGATC  
AACTTCTGAACCATGTGACTCAGCTTGTGATTCTGAATCCTGGTCTTTGGATAGAGTCCCTTGACTG  
TGTGCTGCAGGAGCTTGGACCTTTGGAGCCAGAGGAAATGATTGAACACTGTCTTAAATGCTACGGAAA  
GAGATACGTGGACAAAGATGATGCTATTTTGAATTGGACGCTGACAAAATATGCAGAGTGACCGCGGAG  
ATGCTGCTGCAGAATGCCGTGAAGTTTAACTTTCAGAGTTTCAGGAAAGTGTGGCAGCAGAGTGTCCCG  
AGGGAATGACGACTCGGCTTGATCAGCTCAAGGTTTAGCACTGGTTGACAGAACTCAAGACCAGAAAT  
CATATTTTGTCAAAGTAGATGATTTGCTGAGGGAACACAGGATCGTTTTAATAGTCTGTTCTCTCTA  
AGAGAAAAGTGGACAGAGGAAGACATCACTCCATATATCCAAGATTTGTGCGGAGAGAAGCAAATATAG  
GTGCGTTGCTTACTAAATATTCTCGCTCCTCAATGCAAAATGGCATTAAAGTTTATAATTCCAGGAGACT  
CATTCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_183089
<b>Insert Size:</b>	1200 bp
<b>OTI Disclaimer:</b>	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="#">NM_183089.2</a> , <a href="#">NP_898912.2</a>
<b>RefSeq Size:</b>	1327 bp
<b>RefSeq ORF:</b>	1200 bp
<b>Locus ID:</b>	72107
<b>UniProt ID:</b>	<a href="#">Q14AI0</a>
<b>Cytogenetics:</b>	15 D1
<b>Gene Summary:</b>	Loads PCNA onto primed templates regulating velocity, spacing and restart activity of replication forks. May couple DNA replication to sister chromatid cohesion through regulation of the acetylation of the cohesin subunit SMC3 (By similarity).[UniProtKB/Swiss-Prot Function]