

## Product datasheet for **RN206798**

### **Dsc2 (NM\_001033688) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dsc2 (NM_001033688) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dsc2
Synonyms:	MGC124744
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206798 representing NM\_001033688  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGCAGCGGGATCCTCGCGCTCCGGGAGCCCTGCCCTCGGCCTGGGACACCTGTTGACCCTCGCGA  
 TCCTTGCACTTGCTGTGATGCTTGTAAGAAGTCGTCCTCCAGGTCCCCTCTGAACTACCTGCTGGGAA  
 ATTTGTTGGCAGAGTGAACCTGATGGAGTGCCTTAAATCAGCAAATGTAATTCACCTTGAGTGATCCTGAT  
 TTCCAAGTCTTCGAAGATGGTTCTGTGTACACAACCAATTCTGTTGTTTTGTCTTCGGGGCAAAGAAGCT  
 TTAATAATTTGGCTTTTCAACACAGACAGCCAGGAAGAGAGGGAGTTGTCTGTCCATTTAGAGGGCCCTGT  
 AGAGGTCTAAATCAAAGACTGCATACAGAAAAAGTTCTCGCCGCGCCAAGAGAAGATGGGCTCCCATC  
 CCTTGTCCATGATGGAGAATTCATTGGGTCCCTTCCCCTTTTCTTCAACAGATCCAATCCGACAAAG  
 CTAAAACCTACACCATACTATTCCATCAGCGGTCCAGGAGTTGATAAAGAACCCGTAGGCTTATTTCCG  
 TATTGATAGAGATACTGGAACTGTATTGCACTGATCGTGTAGATCGAGAACAGTATGACTCCTTTGAG  
 CTGACTGCATTAGCAATGACTCCAGATGGGTATATGGTAGAGAACCTGCTGACGCTCCTCATTAAAGTAG  
 AGGATGAGAACGATAATTACCCGATCTTACCCAGAAAGTGTACAGCTTACAGTTTTGGAAAACAGTCC  
 ATTTGGTTCTCACGTCGGGGAGGTCTGTGCAACAGACAAGGATGAGCCGGACACAATGCACACTCGTCTG  
 AAGTATCCATCCTGGAGCAGTCGCCTTCTCCCCCATGTTATTCACCATGCATCCAGGACTGGTGCA  
 TCACTACCACCTCCACCCAGCTGGACAGAGAGTTAATTGACAAGTACCAGTTGATAATAAAAAGTTTCAGGA  
 CATGGATGGCCAGTATTTGGTTTGACAGACAACAGCGACCTGCGTCATTACTATTGGAGATGTGAATGAC  
 AACTTGCCAACATTCACGCGTACTACGTACGTGACATCAGTGAAGAAAAACGGTCAATGTGGAACCTCT  
 TACGCTTTTCTGTTCAAGATAAAGATTTAGTTAACTCTCCTAATTGGAGAGCTAATTACACCAATTTAA  
 GGGCAACGAAAAATGGAAATTTTAAAAATCAAACAGATCCCCAAACCAATGAAGGCATTCTGTGCGTGATT  
 ATGCTCTGGACTATGAAGAACGGCAACGGGTGACCCTGGAAATTGGCGTAGTTAATGAAGCCCCGTACA  
 CTAGACAGGCTGGTTCAAAGTCAATCAGACAGCTACAGTACTGTCAACGTGAAAAATCAGGATGA  
 GGGCCCTGAGTGTATCCCTCAAACGCAAACCTGTGAGGATTCGAGAAAAATGACCAATTTGGTACTAGAAAC  
 GATGGGTATAAAGCATATGACCCAGAGACCAAAAACAGCATTGGCATAAGGTACAGGAAGTTAAGTGACC  
 CAAAAGGATGGATCACTGTTAATGAAGATTCAGGATCAATCACCATTTTCCGAACCTGGATCGGGAGGC  
 TGAGACCATCAGAAACGGCATCTACAATATTACAGTCTTGCATTAGACGCAGACGGGAGAAGCTGTACG  
 GGAACCTGGGAATCTTACTTGAAGATGTGAATGACAACGGCCATTATACCAAGCAGACAGTGGTGA  
 TATGCAGGGCTACCATGTCCTCTGCTGAAATGTTGCGGTTGACCCTGATGAGCCAGCAATGGTCCACC  
 ATTTGATTTTAGTTGGAGAGTTCTGATTACAGAAGTACGGAGGAGGTGGAAGTTGACAAGAAATCAATGAT  
 ACTGCTGCTAGTCTTTCCTATCAGAATGACCCTGCGTTTGATTCTACGTAATCCCGTCCGAGTTACAG  
 ACAGGTTTGGTCTGTCTCAGTCACGTCACTGAATGTCGTTGTATGTGACTGCATCACTGAAAGTGACTG  
 CACATACCGCACTGGAGAAAGGACTGGCTATGCTGACGTGAGACTTGGACCATGGGCTATCCTTGCTATA  
 CTGCTGGGCGTAGCCTTGCTACTTTGTATCCTGTTACCTTAGTCTGTAGTGTTCCTGGGCATCAAAC  
 AACAGAAAATCTTCCCGATGACTTAGCTCAGCAGAACCTAATTGTATCAAACACCGAGGCTCCTGGAGA  
 TGACAAAGTCTATTCCGCAAATGGCTTCACAGCTCAAACCTGCGGGAGCTTCTGGGCAGACAACATTCACA  
 ACCGTGGGAGCTGGAGTCAAAGTACAGGGCAAGAGACCATTGAGATGGTAAAAGGAGGACAGCGCACAC  
 TGGACTCCCGCAGGGCGACCGGCTATACCACCATACCATGGATCCTGGCAGGGGAGGGCATGTGGAGGT  
 GGACAATTACAGATACACCTACTCTGAGTGGCACAATTTCACTCAGCCCCGACTTGGTGAGAAGGTGCAG  
 TTTTGCCATGAGGATGACAACCAGAAGCTTGCCCAAGACTATGTCCTCACATACTAATGAGGGAAAAG  
 GCTCGGCTGCTGGCTCTGTGGTTGCTGTAGCGACCTACAGGAAGAAGACGGGCTTGAGTTTTGGACCA  
 TCTGGAGCCTAAATTTAGGACATTAGCAGAAGTATGTGCAAAGAGTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_001033688

<b>Insert Size:</b>	2709 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>	<u><a href="#">NM_001033688.1</a></u> , <u><a href="#">NP_001028860.1</a></u>
<b>RefSeq Size:</b>	4529 bp
<b>RefSeq ORF:</b>	2709 bp
<b>Locus ID:</b>	291760
<b>Cytogenetics:</b>	18p12