

Product datasheet for **RN211820**

Dsc3 (NM_001107402) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dsc3 (NM_001107402) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dsc3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211820 representing NM_001107402
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGATGGCGATGGCGGTCCCTGAGCTCCGGAGCCTGCCGTACAGGGCACCATTACAGAAAGTTCCTGC
 TGACCCTCTGGGTCTTCAGTTTTGTTGGTGAAGCCTGTAAAGATGTGACCTTTTATGTACCTTCAACACT
 AGAGGCAGACAAGATCATCGGAAGAGTTAGTTTGAAGGAGTGTCTCAGCTCGGCTGATGGTATCATGCCA
 AGCGATCCTGACTTCAGAGTTCTAGATGACGGGTGAGTTTATCCTACCAGAGCTGTTGTGTGTCTGATG
 AGAAAAGATCATTTACCATTGAGCTTTCTGATTCAAAGATGCGGAAACAGAAAGAGATCACTGTAATCCT
 GGAGCGCCAGAAGGAGGTAAATGATGAAAAGACACACTAATGAAACTGTCTCAGAAGAGCCAAGAGGAGA
 TGGGCACCCATTCCGTGTTCAATGCAAGAAAATTCCTGGGTCCCTCCATTGTTTCTCAACAGGTTT
 AGTCTGATTGAGCTCAGAACTACAATATCTTCTACTCAATAAGCGGGCGTGGAGTTGACCAAGAACCCT
 GAATTTGTTTTTTCATTGAGAGAGACACTGGGAATCTTTATTGACTCGGCTGTGGATCGTGAAGAATAT
 GATGTTTTTATTGATTGCCTATGCATCCACTGCAGATGGCTACTCAGCAGATTTACCTCTCCCCCTGC
 CCATCAAAGTAGAGGATGAAAATGACAATTACCCTCTTTTTACAGAAGCAATTTACAATTTTGAAGTTC
 AGAAAGCAGTAGACTTGGTACCGTGGTGGGAACGGTGTGTGCTACGGACAAAAGTGAACCCGATACGATG
 CACACGCGCCTCAAGTACAGCATCTTGGAGCAGAGTCCGCGTCCCGAGGGCTCTTTTCTGTGCACCCTG
 ACACCGCGCTCATCACCCTGTCTCTACTACATGGACAGAGAGGTTGTAGACAAGTACAAAAGTATCTT
 GAAAGTCCAGGACATGAATGGCAATCTTTGGACTCATCAGCACATCACTTGTATCATAACAGTGCAA
 GATTTCAATGACAATGCTCCACATTGAGACAAAATGCTTATGAACTTCTGTGGAGAAAATACATATA
 ATGTTGAGATCTTGGCATACTGTAGATGATAAGGACATGGTTAACAGTGCCAACTGGAAGCAAAATTT
 CACCATCTTAAAAGGAAAATGAAAACGGCTGGTTCAAATCACGACAGACCCAGCGACAAAATGAGGGTGT
 CTGTGTGTCGTGAAGCCACTGGATTATGAAGAAAATCGTCAAGTACCCTAGAGATCGGTGTGAACAACG
 AAGCTCCATTCATTAGAGATGTTGCAAGCCGAATACCCACCATGAATCGGGCCATGGTTACAGTCCAAGT
 GAGGGATCAGAATGAGGGGCCGGAATGCAAGCCCCGTGAGCAGATTGTACGGATCAAAGAGAAGTACGCA
 ATTGGGTCTAAGATCAATGGCTACAAGGCCTATGACCCCGAAAACCAAGAATAGCAATGGTTTAAAGTACA
 AAAAATGTCAGGATCCTAAAGACTGGGTGAGCATTGAAGAAGTTTCAGGATCACTCACCATATCAAAAAT
 CCTGGACAGAAAATCATGGCTCCAAGAAAATGACCTATAACAATATTACAGTCATGGCAATGACCAAGAG
 GGTAGATCATGCACAGGGACGCTTGCAGTGAACATTGAGGATATGAATGACAACGCACCAGAGATAATTC
 AAGATGACATTGTCTGCAAGCAAGGATGGGTTATACAGACATTTACGCTGTGGATCCTGATGAACC
 TATTCACGGCCCTCCCTCCAGTTCGCCTTGGCAAGCTCTTCTCCAGAAGTCAACAGAATCTGGACCCTC
 AACCAAGTTAATGATACAGCTGCCCGCCTGTCTATCAGAAAACCGCGGATGTTTACAGATATACTCCGTTT
 CTGTAACGTAAACAGACAGAGCAGGCAATCTGCGACCAAGATCTTGAGAGTTAACCTGTGCGATTGTAC
 TCACCCAGCCAGTGTCTGCTCAGATCAAGAAGAGCGGGATCACCTGGGGAAGTGGGCAATCCTTGCC
 ATCTTGCTGGGCATCGCTCTGCTATTCTCGGTACTGCTAACTTTAGTATGTGGGGTTGTTACTGCTCAA
 AAGGAAAACATTTTCTGAAGATTTAGCACAGCAAACTTAATTATATCAAATACCGAAGCACCCGGGA
 CGACAGAGTGTGCTCTGCAATGGATTACCACCCACTGCCAACAACCTCCAGCCAAGGCTTCTGTGGC
 ACAATGGGGTCAAGAAATGAGGAACGGTGGCAGGAGACCATCGAGATGATGAAAGGCCACCAGACCTTGG
 ACTCCTGCCGTGTTGCTGGGCATCACCACACCCTGGACTCCTGCAGGGGAGGACACATGGAACCCGACAA
 CTGCAGATACACGTAACAGAGTGGCACAGCTTCACTCAGCCCGACTCGGCGAAAAATTGCATGTGTGT
 AATCAGAACGAAGACCACATCCCATCTCAAGACTATGTCCTCACCTATAACTACGAAGGCAGGGGATCTC
 CAGCCGGTTCTGTAGGTTGCTGCAGTAAAAGCAGGAAGAAGAGGGACTCGACTTTTTAAACAATTTGGA
 GCCAAATTTCTTACATTGGCAGAAACATGTACAAAGAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001107402

Insert Size:	2703 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:	<ol style="list-style-type: none">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:	<u>NM_001107402.1</u> , <u>NP_001100872.1</u>
RefSeq Size:	2878 bp
RefSeq ORF:	2703 bp
Locus ID:	307563
Cytogenetics:	18p12