

Product datasheet for **RN217380**

Dsg3 (NM_001191079) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dsg3 (NM_001191079) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dsg3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217380 representing NM_001191079

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTGCCTATCCCCAGAGCCCTGAGGCTTCTGTCCCTCCTGATGGTGGTGCTCATGGTGTACGGG
AACTACACATAGAGTCGGGAGGACAGCAGAGAGAAGACAGGATGGCATTGCAGCTGACCAAAAGGAGGTA
CAAACGTGAATGGTGAAATTTGCAAAGCCCTGCAGAGAAAAGAGAAGACAACCTAAAAACGAAACCAATT
GCCAAGATCACTTCAGATTTCCAAAAAATCAGAAAATTACTTACCGCATTTCGGAGTGGGAATTGATC
AGCCCCCTTCGGGATCTTTGTTGTTGACCCAAACAATGGCGACATCAACATAACAGCCATAGTTGATCG
TGAGGAAACCCCAAGCTTCTGATCACATGCCGAGCCCTAATGCCCTGGGACAAGATGTAGAGAGACCA
CTTATACTGACAGTGAATTTTAGATGTCAATGATAATGCTCCAATATTTTCACAAACCATATTCAAGG
GTGAAATTGAAGAAAACAGTGTCAAATTCCTGGTGTGATCCTAAATGCCACAGACGGGACGAGCC
AAACCATATGAACTCTAAATCGCCTTCAAATTTCTCCAGGAGCCCGCCGGCATGTCCATGTTCCCTC
ATCAGCAGAAACACCGGAGAAGTCCGCACCTTTGACCAGTTCTCTCGATCGAGAGCAAGTTGGTAGCTACC
ATTTGATTGTGAGCGGTGCAGACAACGATGGAACAGGACTGTGCGACTCAGTGTGAATGTAGTATCAAAAT
TAAAGATGTCAACGACAACCTCCAGTGCTTACGGACTCGCAGTACTCAGCACGTATTGAGGAAAATACT
TTGAATTCAGAGTTACTCCGATTTCAAGTGACAGACTGGGATGAAGAATACACAGATAATTGGTTGGCTG
TGATTTCTTTACCTCTGGGAATGAAGGGAATGGTTTGAATCGAAACAGATCCTAGAACCAATGAAGG
CATCCTGAAGTTGGTTAAGGTTCTGGATTATGAACAAATGCAAAGTATGCAATTTAGTATTGCCGTGAGG
AACAAAGCTGAGTCCACCAGTCAGTGATCTCTCAGTACCAAGTGCAGTCAACTCCAGTCACAATCAAG
TCATCAATGTCCAAGAGGGGATTTCAATCCGCTCCTCCTCCAGGACATTTACTGTCAAAGGGGTAAG
CATTAAACAAATTAGCTGGTTACATCCTGGGACATACCAAGCGACGGATGAGGACACTGGTAAAGCTGCC
TCCTCTGTGAGATATGCTCCTGGTCTGAATGATGGTGGTTTTCTGTTATTGATTCAAAAACCTGCTGAGA
TCAAATTTGTAAAAAACATCAACCGAGATTCCACTTTCATAGTTAACAAGACAATCTCTGCTGAGGTTCT
GGCCATAGACGAAAACACTGGTAAGACCTCCACAGGCACAGTATATGTGGAAGTGCCAGTTTTAATGAA
AACTGTCCATCAGTTGCTCTGGAGAAGAGAGAGATCTGTACATCCTCACCATCGGTGACCCTCTCAGTGA
GAACCTGGACAGGGCTAAATACACTGGCCCTACACAGTGTCTCTGGAGGAGCAGCCACTGAAGCTGCC
GGTTGTGTGACCATCACGACGCTGAATGCTACCTCAGCACTTCTACAAGCCAGCAGCATATCTCTCCA
GGAGTGTACAATGTCCCAGTCATCGTGAAGGACAATCAGGATGGGCAAGTGTGACACACTAGAGAGCTTGA
CCCTGACAGTGTGTGAGTGTGATGACCGGAGCATGTGCAGAGCCCTGGCCCGAGCAGAGAGCCTTTTAT
CCGTGAGGAGTCAACCTGGAGGCTGGGGCTGCTGCTATTGGCTTGTATCTGCTAGGACTCCTGATGTTG
CTACTGGCCCCACTTCTGCTTCTGACCTGTGACTGTGGGTGAGTCCCATCGGAGGAGCAGGGACAGGTG
GCTTTGTCCCAGTGCCCGATGGCTCGGAAGGAACGATTATCAGTGGGGAATCGAAGGAGCTCAGCCCGA
AGACAAGGAAATCACAAATATTTGTGTTCTCCAGTCACAAGCAATGGAGCAGATTTTATGGAAAGTTCT
GAAGTTTGCACAAATACCTACGCTGGAGGGACCCTAGTAGAAGGTGCTTCCGGAATGGAGATGACTACCA
AGCTAGGAGGAGCTACGGGATCAGGAGCTGCAGTGGCGCTTGGCTGGGTCAATCAGGAACGATGAGA
GAGGCAATCCACTGGAGGGACCTTGAAGGATTATGCTGCACAGTGAACATGACTTTCCTAGGATCCTAC
TTCTCTCAGAAATCATCCGCCTATGCTGAGGAAGAGGATGATCGTGAAGTGAATGACTGTTTGTGATCT
ACGATGACGAAGGCGAGGATGCTGCCCCCGTTCCCGAGCCCTCAGTCTCTGCAGCTTTATGGCCGATGA
CCTGGACGACAGTTTCTGGACTCCCTGGCCCAAAATTTAAAAAGCTTGCAGAGATATGCTTGGCGTT
GATGACGAAGCCAAGCAAGTAAAGCCAGGCCCTAAAGACAGTAGTTCTGGGGCTGACGCCTGTGCTCGCC
CTACAGAAGCCCTCAGGAGGTTCCAAAGTGTGCCACGTGTGCTGGCAACCAAGATACTTCTGTTTT
GTCCTCTTCTGGTCTGTCCACCCTGCTATTGCCATCCCTGATCCTCTACAGCTTGGTAACTACTTGCTC
ACAGAACTTACACAACATCAGGTTCTTTGTGCAACCCACCCTGCCACCTTTGACCCACATGCTACTC
AAAATGCTACTGTAACAGAAAGAGTCATTTGCCCTTCTAGTGCCTCTGGCAGCATAGTGGCTCCAC
AGAGCTTCGAGGCTCCTACAGTATGCTCTATACAAAAGAAGCCTGTTCCCATCTA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001191079
Insert Size:	2928 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191079.1, NP_001178008.1</u>
RefSeq Size:	2928 bp
RefSeq ORF:	2928 bp
Locus ID:	291752
Cytogenetics:	18p12