

Product datasheet for **RN202911**

Dgcr8 (NM_001105865) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dgcr8 (NM_001105865) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dgcr8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202911 representing NM_001105865
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGACATATGAGAGTCCCTCTCCTCTCCCGCATGAGCCACAGGAGAAGCAATGATGGAGAACCGAG
 CTTGCCCTTCCAAGTGCTGCCCATGAACAGTCTCCACCACCTCCCCTGCAAACGTCCAGTGATGCAGA
 GGTAATGGACGTTGGCTCTGGTGGTGATGGACAGTCCGAACCTCTGCCGACGACCCATTCAACTTCTAC
 GGAGCTTCTCTTCTCCTCAAAGGATCCTTCTCTAAGGGCCGCTCCTCATAGACCCGAACTGTAGTGGCC
 ACAGCCCGCGCACTGCCCGGCACGCACCTGCGGTCCGGAAGTTCTCCCCTGACCTTAAGTTGCTTAAGGA
 TGTAAAGATTAGCGTGAGCTTTACTGAGAGCTGCAGGAGTAAGGACAGGAAGGTGCTGTACACAGGAGTA
 GAACGCAGCACTCGCCTGAATGTAGCCAGCTCCTTAGTCCTGTCTGCGGGGACGTGCATGCTTGTCCCT
 TTGGCGGGAGTGTGGTAATGGGTAGGCCCTAGGGGTGAGAGTACAGATAAGAAGGATGAGGAAAATGA
 GCTGGATCAGGAAAAGAGAGTGGAGTATGCAGTCTCGATGAGTTAGAAGATTTTACTGACAATTTGGAG
 CTAGATGAAGAAGGAACAGGCGGGTTCACGGCTAACGCAATCGTTCAAAGAGACAGAGTGGATGAAGAGG
 CCTTGAATTTCTCCTATGAGGATGACTTTGACAATGATGTGGATGCTTTACTAGAAGAAGGTCTCTGTGC
 TCCAAGAAGAGGCGAATGGAGGAAAAATATGGCGGAGACAGTGCATCCGTCTGATGGAGAGACAAGT
 GTGCAGCCAATGATGACCAAGATTAACAACAGTGCCTAAAAGTCGTGGCCGTCCACCTACAGAGCCATTGC
 CTGATGGATGGATAATGACTTTTATAACTCTGGAGTCCCTGTATACCTGCACAGAGAGTCTCGAGTGGT
 CACCTGGTCCAGACCCTACTTCTTGGGGACGGGAAGCATACGGAACATGATCCTCCTCTAAGCAGCATC
 CTTGTCTGCATTATAAGAAAAATGAAGGACAACGAGGAACGAGAGCAAAGTTGTGATCTTGCCCCAGTG
 GAGAAGTGCACCTGTCAAGCCCTGGGTCTGCTGCAGAGCTGGATTTCCCTCTGGAGGAGCCTGACCTG
 CTTGGGTGGAGACTCAGGGTCTCTGGATGAGAAGGACCCCTGGGTGCTGAGGCAGCTGCTGGAGCCCTG
 GGACAAGTGAGGGCTAAAGTTGAGGTGTCAAAGATGAGTCAGTTGATCTGGAGGAATTTCTGAATTTACC
 TGGAGAAGCGATTTGACTTTGAGCAAGTAACTGTAAAAAATTCAGGACTTGGGCTGAACGTCGCAATT
 CAACCGTGAGATGAAGCGGAAACAGGCAGAGTCAAGAGAGGCCATCCTGCCAGCCAACAGAAAGCTGATC
 ACTCTATCTGTGCAAGATGCACCACAAAAAAGAGTTTGTATCAATCCCAATGGGAAGTCTGAGGTTT
 GCATCTGCACGAATACATGCAGCGTGTCTCAAGGTCCGCCCTGTTTATAATTTCTTTGAATGTGAGAA
 TCCAAGTGAAGCTTTTGGTGCCTCCGTGACCATTGATGGTGTGACTTACGGATCTGGAAGTCAAGCAGC
 AAAAAACTTGCAGAAGATAAAGCTGCCGAGCTACACTGGAATTTCTATCCCTGACTTTGTTAAACAGA
 CCTCTGAGGAGAAGCCTAAAGACAGTGAAGAACTGGAGTATTTAACCACATCAGTATTGAGGATTCGCG
 AGTCTACGAGCTGACAAGCAAGGCTGGGCTGTTGTCTCCATATCAGATCCTCCATGAGTGCCTTAAAAGA
 AACCATGGCATGGGTGACACATCCATCAAGTTTGAAGTGGTTCCCTGGGAAAAACCAGAAGAGCGAATATG
 TTATGGCATGCGGCAAACACACAGTGCAGCGGTGGTGAAGAATAAACGAGTTGGGAAACAATTAGCATC
 TCAGAAAAATCCTTCAAGTGTGCACCCCATGTCAAGAACTGGGGTCTTGTCTGCGCATGTATGGTCTG
 GAGAGCAGCAAAATGGTCAAGCAGGAGACCTCTGACAAGAGTGTGATAGAGCTACAACAGTATGCCAAGA
 AGAACAGGCCAACCTTACATCCTGAGCAAGCTACAAGAAGAGATGAAGAGGCTGGCTGCAGAGCGGGA
 GGAGACTCGGAAGAAACCAAGATGTCAATTGTAGCATCTGCCAGCCTGGTGGTGGAGCCCTTGTGCACA
 GTGGATGTATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001105865
Insert Size: 2322 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_001105865.1</u> , <u>NP_001099335.1</u>
RefSeq Size:	4538 bp
RefSeq ORF:	2322 bp
Locus ID:	287954
Cytogenetics:	11q23