

## Product datasheet for **RN202987**

### **Dgcr2 (NM\_001012146) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dgcr2 (NM_001012146) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dgcr2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202987 representing NM\_001012146  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGCCCAAGGCAGACAGCGGTGCCTTCTGCTGCTCTTCTGCTGGTTCTCACTGTCCACCGAGCCGC  
 TGCGCCAGAGCTTCGGTGCCACCCGGGAGTTTGCATGTCACAGTGGCATCATCCAGTGCATACCCCT  
 CCCCTGGCAGTGTGACGGCTGGCCAACGTGTGAGGATAAGAGTGAAGCCGACTGTCCGGAAGTGACT  
 GGAGAGGCCCGTCTTATGGGAAGGAACTGTGGACTGCGGCAGGGGCGAACAGAGGAGGGGACCCCA  
 CACACTCCACACAGTGAATGTGGCTCAGCCTGTCCGCTTTCAGCAGGAAATGCCAAGCGGGTGGCACCA  
 CTACGAAGGCACAGCCAGCTGCTACCGGGTCTACCTCAGTGGAGAGAAGTACTGGACGCCGCACAGACC  
 TGCCAGCGTGTGAACGGCTCCCTTGCCACCTTCTCCACTGACCAAGAGCTGCGCTTCGTCTAGCCAGG  
 AATGGGACCAGCCAGAGCGGAGCTTCGGCTGGAAGACCAGCGCAAGCTCTGGTTGGTTATCAGTATGT  
 CATTACTGGCCGAACCATTCCTTGAAGTTCGCTGGGAAGTGGCATTCAAAGGCTCCCCAGAAGTGTTT  
 CTGCCCCAGATCCCATCTTGCCTCCGCCATGTCTGAGAATGACAACGTGTTCTGTGCCAGCTCCAAT  
 GCTTCCACTTTCCTACCCTGAGGCACCATGACCTCCACAGCTGGCAGCCGAGAGCTGCTCTGAGAAGTC  
 GTCATTTCTGTGTAAGAAAGTCAAGACATGTGTTGATATCAAAGACAATGTGGTGGATGAAGGGTTCTAC  
 TTCCTCCCAAGGGAGATGACCCATGCTTGAGCTGTACCTGCCATCGAGGGGAGCCTGAGATGTGTGTTG  
 CTGCCCTGTGTGAGCGGCCCCAGGGATGCCAGCAGTACCGCAAAGACCCTAAGGAATGCTGCAAGTTCAT  
 GTGTCTGGACCCAGATGGTAGCAGCCTGTTTACTCCATGGCCAGTGGGATGCGCCTGGTCGTGAGCTGC  
 GTTTCCTCCTCCTCATCCTCTCGCTGCTGCTTTTCATGGTCCACCGGCTGCGCCAGCGGCCCGGGAGC  
 GCATCGAGTCCCTGATTGGAGAACTGCACCATTTCAACCTTGGCCGAGGATCCCTGGCTTTGACTA  
 TGGCCAGATGGGTTTGGCACAGGACTCACTCCACTCCACCTTCTGACGATGGGGAAGGTGGGACTTTC  
 CATTTCATGACCTCCACCTCCTTATACTGCTTACAAGTGCCAGACCTGGACCAGCCGACGATCCAC  
 CACCACCTACGAGGCTTCTATCAACCCAGACAGCGTGTCTATGACCCTGCAGATGACGATGCCTTTGA  
 GCCCGTGGAGGCCAGCCTGCCAACCCCAAGGGATGGTGGCATTGAAGGTGCCTTGGCCAGGCACTTGGAT  
 CAGCCGCTGCCCCCTGCAGAGACCTCCTTAGCAGATCTGGAAGACTCGACAGACAGTACGAGTGCCTGC  
 TGGTGCCTCCTGATCCTGCCAGAGTGAAGCACTCCAGCTACAGAAGCACCTCCAGGGGCTGGGCGCT  
 TTCCCGTGGCTCCCTCAACTGTGTT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001012146
- Insert Size:** 1641 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:**

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:** [NM\\_001012146.1](#), [NP\\_001012146.1](#)

**RefSeq Size:** 2030 bp

**RefSeq ORF:** 1641 bp

**Locus ID:** 360742

**Cytogenetics:** 11q23