

## Product datasheet for **RN213731**

### **Dqx1 (NM\_001109407) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dqx1 (NM_001109407) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dqx1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN213731 representing NM\_001109407  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCCTCTGGGCTGGCAGAAGAGTCTGAACCAAGTCCTGGGAGTCTGAACTGGCTGTGAACCCCTTTG  
 ATGGGCTCCCCTTCTCTTCTTGCTACTATGAGCTGCTTGAGCAGCGTAGAGCCTTGCCCATCTGGGCTGC  
 TCGTTTCTGTTCTTGGAGCATTGGAAAGTAGCCCCACTGGAGTGGTGTGTTATCTGGGGAGCCCGGC  
 TCTGGCAAGAGCACCCAGATTCCCTCAATGGTGTGCAGAGTTTGCCTGGCCAGAGGATTCCAGACAGGAC  
 AGGTTACAGTCACTCAGCCCTACCCTCTGGCAGCCATGAGCCTGGCTTCAAGGGTGGCTGATGAGATGGA  
 CCTGACCCTGGGTCATGAGATTGGCTACAGCATCCCTCAGGAAGACTGCACTGGGCCAATACCATGCTC  
 AGGTTTTGCTGGGACAGGCTATTTCTACAGGAAGTAGCCTCGACCCGGGGCCCTGGAGCCTGGAGTGTGC  
 TGGTACTGGATGAGGCTCAGGAGCGGTCAGTGGCCTCAGATTTACTACAGGGCTCCTGCGAGATACCAG  
 ACTGAGAAACCTTCCGGGGGATCCAGAGTGGTTATAGTTACTGACTCGGCGCTTGAACCAAAATCCAA  
 GCCTTCTGGGGCAATTCTCCTACTGTGCATGTACCCAGGGAGCCTGGTAAAAATCCACCCTTACCTACA  
 AGGACACTGTCCCTGCTGACCTCGTGAAGCTGCCTGCCAAGCTGTGCTTGAAGTGTGTCAGCGGGAAGA  
 GGCACCAGGAGATGTGCTGGTGTATCTGCCCAGCGAGGAGGAAATCTCTCTGTGCTGTGAATCCTTGTC  
 AGGGAGATGGGGATGTTGGCTGTCCAGGGCCTTCCGAGGGTGTACCCCTTACCCTGGCTGTGGTC  
 AAGCCATCCAGACTGTGTATGAAGACACAGATGTGAGTGTGAGAAAGATTGTGGTCACTATTGGCTGGC  
 AGATTTCTCCTTCCCTCCCTTTCATCCAACATGTGATTGACTCAGGACTGGAACCTTCGAGTGTTTAC  
 AATCCTCGGATCCGGGCAGAATCCAGGTGTTGAGACGAATTAGCAAGTGTGAGGAGGCAAGGCTGC  
 TGGGGCCAGAGGGTCCCACCAGGAACCTGCCCTCCGCTGTACTAAGTCTACCCTAGACCTAGAGGC  
 TCCCCACTGCCCCACCCAAAGTGTGCGAAGAGAATCTGAGCTCCCTGGTATTGCTACTAAAGAGGAAA  
 CAGATTGCAGAGCCAGGGGAGTGCCACTTCTGGACCGGCTGCACCAGAAGCACTGATGCAGGCCCTGG  
 AAGACTTAGACTATCTGGCCGCTCTGGATGATGATGGGGACCTGTGAGCCTCGGAATCATCCTCTCGGA  
 GTTTCCCTGCCCGGAGCTGGCCAAAGCCCTGCTGGCCTCCTGCGAGTTTAACTGTGTGGATGAGATG  
 CTCACTCTCGGGCCATGCTCACTGCCGCTCCTGGGTTTACCCGCTCCTCCGCTGTGTGCAGGAGAAGCTG  
 CCTTGCCTCGGGTCTGGAACACGCAGATGGTGTACAGCTCTCTGATCCAGGCTATGAAGCCTTTGT  
 ACAAAGTGGAGCAGATGAGACTTGGTGTGAGCCCGGGTCTAAGCTGGGAGCGTTATGTCAAGCCCGC  
 AAACCTCCGAGCAGAGCTCCTGGAACATGCAACGGATTGAGCTTCCCTGTCTTGCCGGCCTTCGGCT  
 CCGAGCAGAATCGCAGAGACCTTCAGAAAGCGCTGCTGTGAGGACTTCTCAAGGTGGCCCGGACAC  
 CGATGGGACAGGAAATTAATTGCTTCTACCCATAAAACATGTGGCCAGCTGTACCATACTGCGTCTAC  
 CGTAACCGCAGGACTCCAGCCAGCCACCACATGGGTGCTGTACCACCGCTTCTCCATCTCTAAAGACA  
 ACTGCCTTTGTACAGTCTCTGAGATTGAGCCTGAGATGCTGGTGGAGCTTGCCCTCCATACTTCTGAG  
 TAACCTGCCCCCAGTGAGAGCAGAGACCTCTGAACCAGCTGAGAGAAGGAACAGAGCCATCAGCAGCA  
 GTGACTGAAACTGCTTCTCCTCAGGAATATGGAGATGGCTGTGTTCTGCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-Mlul

**ACCN:** NM\_001109407

**Insert Size:** 2154 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).

<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>NM_001109407.1, NP_001102877.1</u>
<b>RefSeq Size:</b>	2606 bp
<b>RefSeq ORF:</b>	2154 bp
<b>Locus ID:</b>	680434
<b>Cytogenetics:</b>	4q34