

## Product datasheet for **RN207224**

### **Qsox2 (NM\_001109434) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Qsox2 (NM_001109434) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Qsox2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN207224 representing NM\_001109434  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGGTTGCTAGGGTAAAGGTCAACGCGCCGGCGGCACTCCCAACATGGCTGCCGCCGGGCTGTGG  
 CGCGCGGTCCCGAGCTGATGCGCGGCGGCCACTCTCCTCAGGCGGCGGGGGCCCGCGCTGCTCCT  
 GCTGCTGGCGGTGGTGGCGGAGTGGGGCCCCAGGAGGGCGGCGGGCGCGGCTGTACCGGTGGCGAG  
 GACGCCGTGTGGTTGCTGGACAGCGGCAGCGTGCCTCGGCCACGGGCAACAGCTCAGCCCGTGGCTGG  
 TGCAGTCCATTCGTCGTTGCGGCCACTGCATCGGCTACGCACCCACCTGGCGAGCGCTGGCGGCGGA  
 CGTGCAGACTGGGCTGCTGCCATCCGTGTCGCTGCTGGACTGTGCAGAAGAAAAGAACCAGGACGTG  
 TGCCGCACATATGACATCCACTTCTACCCACCTTCAGGTATTTAGAGCATTACAAAGGAGTTTACAA  
 CTGGAGAAAATTTAAAGGACCTGACAGGGAGCTACGGACGGTACGGCAGACAATGATCGACTTCCTGCA  
 GAACCACACTGAGGGCTCCCGGCTCCTGCATGCCACCCCTGGATCCTATTCAGTCCAGTGACATCCTT  
 TCCTTCATGGACAGCCACAGTGGCCAGTACCATGCTGTTGATTTGAAAGCAACGGTTCTTATGTTGGAC  
 GAGAGGTGATCTTAGATTTGATTCATATGACAACATCATGGTGAGCCGAGCACTGGATACGGACAAGC  
 ATTTCTGGGGACCTTGGCATTTCGTCAGTTTCTTCTGTTACTTGATTTACCCAAATGGGTCTCATGGT  
 CTGGTTAATGTTGCAAAGCCTCTACGGTCGTTTTCTCCTCTTATTTAAAATCCTTACCAGATGTGAGGA  
 AAAAGTCACTTTCCTTGCTGAAAAGCCCAACAAAGAAGAAAATTCAGAGGTTGTGATTTGGAAAGAATT  
 TGACAGGGCCAAGCTATACCCGACAGCTGGAGTCGGGACTTCATTACCTGTGAGAGTGGAGCTGGCT  
 GCCACAGATCCCTGGCCGAGCCAGTTAAAAACATCAAGGACTTCGTGACTGTCATTGCCAAGCTGT  
 TCCCTGGCCGGCCACCAGTCAAGAAGCTGTTGGAGACCCTGCATGAGTGGCTGGCCAACCTCCCCGGGA  
 CAAGATTCATACAATGCCATCCTAGACCTAGTCAACAACAAAATGCAGATTTCTGGACTCTTTCTTACC  
 AGCCACATAACGTGGGTAGGATGTCAAGGAAGCCGATTGGAGTTGAGGGGCTACCCGTGCTCCCTCTGGA  
 AACTGTTCCACACTTTGACGGTTCAGGCCTCCACCCATCCAGAAGCGCTGGTTGGCACAGGCTTTGAAGG  
 TGACCCCCAGGCTGTGCTGCAGACCATGAGGAGATACATTCGCACATTCTTTGGGTGCAAAGAATGGT  
 GAACATTTTGAAGAAATGGCTAAGGAGTCCATGGACTCCGTGAAAATGCAGACCAAGCTGTTCTCTGGC  
 TTTGGAGGAAGCACAACATGGTGAACAGCCGCTGGCAGGCCATTTGAGTGAAGTCTAAGTTTCCAAA  
 GGTCCCATGGCCACTCCAGACCTCTGCCAGTCTGCCATGAGGAAATTAAGGACTAGACAGCTGGGAT  
 GAGGAGCAGGTGCTTGTGTTCTGAAGCAGCACTACAGCAGGGACAACCTGGTGGACACATACTCTGTGG  
 ACCAGGGCAGTCCCTGGTGAAGGATGGGCAAGGCAAGGCAAGGCAAGGCTTAACCCCTC  
 AGGGAAGGCTGGGGACACCAGGCACTGAGAGTCTCCGTCCAGCCATATTCTGGGGCCAGAAGTAC  
 CTTTCAAAGACCTGCACCACAGGCTGGACCTAAGACTACAGAGCCCTCAGGGACCCAGACCTTGAGG  
 AGGCCAAGGACGTGTCGCCCTTCTTGGGGTGGCTTCTCCAGTCTGGACATGAGCCTCTGTGTGGTGT  
 CTACGTGGCTCCTCCTGTTCTGTATGATGATGACTTCTTCTCAGAGTAAGGTCCAAGCGATGGAAA  
 GTTCGGCTCTACCACCCAGCTGT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001109434

**Insert Size:** 2127 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_001109434.1, NP_001102904.1</u>
<b>RefSeq Size:</b>	4634 bp
<b>RefSeq ORF:</b>	2127 bp
<b>Locus ID:</b>	681023
<b>Cytogenetics:</b>	3p13