

## Product datasheet for **MC229066**

### Stox2 (NM\_001286376) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Stox2 (NM_001286376) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stox2
Synonyms:	4933409N07Rik; AI449080; AI835114; mKIAA1392
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC229066 representing NM\_001286376  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGAAGACCCGGAGCACAACTTGC GGCGAGCCTGGCCTAGCTCGGATTTCTCGGACCGGGCCTCGG  
 ACCGCATGAGGTCCCGCAGCGAGAAGGACTACCGCTGCAACAAGCGCTTCCCCCGGCCCTTCGGCCCCA  
 GGCTTCTAGGGGTACATGACATCAGGTGATGTGTCAACCAATCAGTATGTCCCCATCAGTCAGTCTCAG  
 TTTATTCCACTCGGGAAATCCTTTGCTTGGCCATCTCTGCAATGAACTCTGCGAGAAAGCCTGTCAACC  
 AGGAGGCGCTGATGGAACACCTGACCACATGTTTCCAGGTGTTCCAACCCCAAGCCAAGAAATTCTACG  
 GCATACCTAAACACACTGGTACGGGAGAGGAAAATCTATCCGACTCCGGATGGCTATTTTCATTGTGACC  
 CCACAGACTTATTTACTTACTCCCTCCCTATAAGAACTAACAGTAAGTGGTACCACTTGGACGAGAGGG  
 TACCTGACAGGTCTCAGTGCACCTCGCCACAACCAGGAACCATAACGCCCTCTGCCTCAGGCTGCCTCAG  
 GAAAGGACATTACCCAGAAAGCACTGCGACTCTTGCCACTGCTGCCGAGAAGACGTGCACAGCATGCAT  
 GCCTCCACCCTGCAGAGGAAGTCCGCCAAGGACTGCAAAGACCCTTACTGCCCTCCTCCGCTCTGCCAGG  
 TGCCGCCCACTGAAAAAGCAAAAGCACTATAAATTTCTCCTATAAGACGGAAACTCTCTCGAAACCTAA  
 AGATGGTGAAAAGCAGTCCAAAAATTCGGTCTCAAGTTATTCGGCTGAGTTTTAAGAAAGACAAGACC  
 AAACAGCTGGCCAATTTCTTGCCAGTTTCTCCCGAGGAGTGGCCTCTGCGAGACGAGGACACGCCCA  
 CGACCATCCCTCGGAAGTGGAGATGGAGATCATCCGGCGGATCAACCCAGACTTGACGGTGGAAAAATGT  
 CATGAGGCACACTGCCCTGATGAAGAACTTGAAGAAGAAAAAGCTCACCGGAGCAAAGCCGGTCTCC  
 GCCCACCACAGTGAAGGAGTAAAAGAGCCGGACTCACCGCAAGTCCCACGGGAAGTCTCGGTACACA  
 GCAAGACCGGAGTGTCCAAGGAGATCCTTCGGATGGCTCGCATCTGGATATCCCGGTGAGAGGGAGTA  
 TGAATTTTGCACCTCTAACCCAGGGCCCCAGAGAGGGCTGCTTCATCATTGAACACAAAAGGGGACAAC  
 TTCATCATGCATAGCAACACGAACGTGATCGAGTCCCATTTCGCCATGACGCCAGAAATGGGATGTGTCTG  
 GCGAACTGGCCAAAAGGAGAACGGAGATGCCCTTTCGGAACCTCCAGGGGAAGCTCCCACTCCAAAGT  
 GCACCGAAGCCACAGCCATACCCAGGACCGGAGATCCAGGAATGAGAGGTCCAACAAGGCCAAGGAGAGA  
 TCCAGGTCTATGGATAACTCCAAAGTCCCCTGGGCGCTTCTTCACTCGGACTCCGGAAGACTGGCTG  
 AAGGCTGCAGCCAAGATGACCAACACCGAGCCAATCATACATTGATGACAGTACTTTAAGGCTGCGCA  
 AACGATGGTTCATCAAAGGGCTCATATTCCTTCTGCCAGCTACAAAGAGGTATGCATTCCAGAAATAGTT  
 GGTGGCAGCAAGGAACCTTCTAGTGCTTGTAGCCTTCTGGAGCCAGGCAAAACCCCTGAGAGTATGCCGT  
 CCTATGGGAACTCAGCCCTTGCCCGGCTAAAACAGCTGTGGATGACTATTTTCAGTGCAACACCTCGAG  
 TGAGACCGTACTCACAGCACCGTCCCCTTAGGGAAGAATAAGGAGGACCATGACACTTTGACCTTGGTG  
 GAGGGGTAAAAAGCTGTCTCCATCTGAGAGGCAGACCCCCATTCTTCCAGGGAACCTGTTGGGCACA  
 AGGAGGAGTACCAGAAAGGGCCAGGAGGGGGCCCTGCAGCCTCTGGTGGTGTGGCAGAGGGGTTAGCCAA  
 TGGCCGCCTTGTCCAACATCATAGCGCAGAACCAGCAGCCTGGACAAAAGGAAAGAAATATTCAGCAA  
 GACACACTGTTCAAACCTCTACACAGCACCTGTCTGTAACAGCTATCACAAATCTAGCTTGTCCCTCC  
 TCAAGTCTACCCAAAGTCAACCGTTGACACACTGCCAGGCCGTTGTGAGAACTGGAACCTTCCCTTG  
 GACATCCGCGGCCCAAGCCATGCCTCCATCCCAACGTGAGCAGGAGCCTGGAGGGAACGAGGAGGCTTCT  
 TTTGACTATTACAACGTCTCTGATGACGACGACTCCGAGGAGGGGCCAACAAAAACGCGGAGGAGGAGA  
 AAAACAGAGATGATGTGGCACCATGCAGTGGCTCCTGGAGAGGGAAGGAAAGAGACTTGAGAGGAA  
 GTTTGAGAAAAACCTCACCTCCTCACCCAAAAGAACTGATAGCAGCAGCAACCAGAGAGCCACCCAC  
 TCAGCCCGCTGGACAGCATGGATAGCAGCAGCATCACGGTGGACAGTGGATTCACTCCCACGGAATT  
 GA

**ACGGT**ACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001286376

<b>Insert Size:</b>	2592 bp
<b>OTI Disclaimer:</b>	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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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><a href="#">NM_001286376.1</a></u> , <u><a href="#">NP_001273305.1</a></u>
<b>RefSeq Size:</b>	10521 bp
<b>RefSeq ORF:</b>	2592 bp
<b>Locus ID:</b>	71069
<b>UniProt ID:</b>	<u><a href="#">Q499E5</a></u>
<b>Cytogenetics:</b>	8 B1.1