

## Product datasheet for **MC221712**

### Stox2 (NM\_175162) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Stox2 (NM_175162) 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



[View online »](#)

**Fully Sequenced ORF:** >MC221712 representing NM\_175162  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTC**CCCCATCAGT**CAGTCTCAGTTTATTC**ACTCGGGAAATCCTTTGCTTGCCATCTCTGCAATGA**  
 ACTCTGCGAGAAAGCCTGTCACCCAGGAGGCGCTGATGGAACACCTGACCACATGTTCCAGGTGTTCC  
 AACCCCAAGCAAAGAAATTCACGGCATACCCTAAACACACTGGTACGGGAGAGGAAATCTATCCGACT  
 CCGGATGGCTATTTCA**TTGTGACCCACAGACTTATTTCACTACTCCCTCCCTCATAAGA**ACTAACAGTA  
 AGTGGTACC**ACTTGACGAGAGGGTACCTGACAGGTCTCAGTGCACCTCGCCACAACCAGGA**ACCATAAC  
 GCCCTCTGCCTCAGGCTGCGTCAGGGAAAGGACATTACCAGAAAGCACTGCGACTCTTGCCACTGCTGC  
 CGAGAAGCGTGACAGCATGCATGCCTCCACCCTGCAGAGGAAGTCCGCCAAGGACTGCAAGACCCTT  
 ACTGCCCTCCTCCGCTCTGCCAGGTGCCGCCACTGAAAAAGCAAAGCACTATAAATTTCTCCTATAA  
 GACGGAAACTCTCTGAAACCTAAAGATGGTGAAGAGCAGTCCAAAAATTCGGTCTCAAGTTATTCGG  
 CTGAGTTTTAAGAAAGACAAGACCAACAGCTGGCCAATTTCTCTGCCAGTTTCTCCCGAGGAGTGGC  
 CTCTGCGAGACGAGGACACGCCACGACCATCCCTCGGGAAGTGGAGATGGAGATCATCCGGCGGATCAA  
 CCCAGACTTGACGGTGGAAAATGTCATGAGGCACACTGCCCTGATGAAGAAACTTGAAGAAGAAAAAGCT  
 CACCGGAGCAAAGCCGGTCTCCGCCACCACAGTGAAGGAGTAAAAAGAGCCGGACTCACCGCAAGT  
 CCCACGGGAAGTCTCGGTACACAGCAAGACGCGAGTGTCAAAGGAGATCCTTCGGATGGCTCGCATCT  
 GGATATCCCCGGTGAGAGGGAGTATGAATTTTGCAGCCCTCTAACAGGGCCCCAGAGAGGGTCTGCTT  
 ATCATTGAACACAAGGGGACA**ACTTCATCATGCATAGCAACACGAACGTGATCGAGTCCATTTCCCA**  
 TGACCCAGAATGGGATGTGCTGGCGAACTGGCCAAAAGGAGAACGGAGATGCCCTTTCCCGAACCTC  
 CAGGGGAAGCTCCCACTCCAAGTGCACCGAAGCCACAGCCATACCCAGGACCGGAGATCCAGGAATGAG  
 AGGTCCAACAAGGCCAAGGAGAGATCCAGTCTATGGATAACTCCAAGGTCCCCTGGGCGCTTCTTAC  
 TCGGGACTCCGGAAGACCTGGCTGAAGGCTGCAGCCAAGATGACCAAACCCGAGCCAATCATACATTGA  
 TGACAGTACTTTAAGGCCTGCGCAAACGATTGGTCA**TAAGGGCTCATATTCCTTCTGCCAGCTACAAA**  
 GAGGTATGCATTCAGAAATAGTTGGTGGCAGCAAGGAACCTTCTAGTGTGTAGCCTTCTGGAGCCAG  
 GCAAACCCCTGAGAGTATGCCCTCTATGGGAACTCAGCCCTTGCCCGGCTAAAACAGCTGTGGATGA  
 CTATTTTCAGTGAACACCTCGAGT**GAGACCGTACTCACAGCACCGTCCCCTTTAGGGA**AGAATAAGGAG  
 GACCATGACACTTGACCTTGGTGGAGGGGTAAAAAGCTGTCTCCATCTGAGAGGCAGACCCCCATT  
 CTTCCAGGGAACCTGTTGGGCACAAGGAGGAGTACCCGAAAGGGCCAGGAGGGGGCCCTGCAGCCTCTGG  
 TGGTGTGGCAGAGGGTTAGCCAATGGCCGCTTGTCCAACATCATAGCGAGAACCAGCAGCCTGGAC  
 AAAAGGAAAGAAATATTCAGCAAAGACACACTGTTCAAACCTCTACACAGCACCTGTCTGTAACAGCT  
 ATCACAATCTAGCTTGTCCCTCCTCAAGTCTCACCCAAAGTCA**CCCGTTGACACACTGCCAGG**CCGTTG  
 TGAGAACTGGAACCTTCCCTTGGGACATCCGCGGCCAAAGCCATGCCTCCATCCCAACGT**CAGCAGGAG**  
 CCTGGAGGGAACCAGGAGGCTTCTTTGACTATTACAACGTCTCTGATGACGACGACTCCGAGGAGGGG  
 CCAACAAAAACGCGGAGGAGGAGAAAAACAGAGATGATGTGGCCACCATGCAGTGGCTCCTGGAGAGGGA  
 GAAGGAAAGAGACTTG**CAGAGGAAGTTTGAGAAAAACCTCACCTCCTCACCCCAAAAGAACTGATAGC**  
 AGCAGCAACCAGAGAGCCACCCACTCAGCCGGCTGGACAGCATGGATAGCAGCAGCATCACGGTGGACA  
 GTGGATCAACTCCCCACGGAAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_175162  
**Insert Size:** 2406 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>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>	<a href="#">NM_175162.4</a> , <a href="#">NP_780371.3</a>
<b>RefSeq Size:</b>	9316 bp
<b>RefSeq ORF:</b>	2406 bp
<b>Locus ID:</b>	71069
<b>UniProt ID:</b>	<a href="#">Q499E5</a>
<b>Cytogenetics:</b>	8 B1.1