

## Product datasheet for **RN217382**

### Stox1 (NM\_001191720) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Stox1 (NM_001191720) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stox1
Synonyms:	RGD1310622
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:**

&gt;RN217382 representing NM\_001191720

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCACGGCCGGTGCAGCTGGCGCCGGGCTCGTGGCGTGGTCTGAGCCCGGGAGGCCGGGCAGG  
 CGGCCGGGAGCCGGGCGGCCGCGCTCTCCGCGCCTTCCGCCGCCAACGCGCGCTGCTTCTGGAA  
 CGCACGGCTGGCGCGCGCCCTCGCGGCTGGCCTTTCTCGGCTGGCTGCGGCGCGGGTCTGCTGGT  
 CGCGCGCCCCAGCCCTGCGTGCAGGTGCTGCGGGATGCGTGGCGTCCGCGAGCTCTGAGGCCGCCCGAG  
 GTTCCGCATCACCGGGTGGCGATGTCTCCAGTGCAAATGAGTCTCATAGCCAGCGTCGCTTTGT  
 GCCCTGGCTGAAGTTCTGCTGTGTTATAGCCGATATGAACGCAGGTGAGTGGCTGTGACACAGGAG  
 GCTCTCTGGAGCACTTGATGAAACATTATCCAGGTATTGCTGTTCCCTCCCAGACATTCTACAGCA  
 CACTGGGACTCTAATTCACAGAGGAAGATTTACCACACTGGAGAAGGCTACTTCATAGTTACCCAAA  
 CACGTAATTCACAAAATACAACCATGCAAGGAAATAAGAGAGCCCTCCTGTCAGATGAAGGGTGTCTA  
 GGGTCCACGTGAGGACCTATCTGGTGAGCGTGGATAGCTGTGCAGAGCCACCCAGGAGAACGAGGTT  
 CTGTTTCCCACTGCCATCATGCCAGTGTACCCTGATACAAGCAAGCATGGCTCTAAGGACCTAATGAC  
 TACTGCAGAAGTCTTAGAAAAAGACAGAACGGTCTTGACAAGCCACAGTCTTGACTAAGAATCAGGTA  
 GTTTCAGCATCTGAAGACACCCACATCTGTGTGAGCCCCAAACCATCATACACCAAGGACAAAGGCA  
 AAAGATTTGGTTTCGGTTTCTGTGGCGCAGCTTATCTAGAAAAGAGAAGCCCAAGGCGGGGTATCACAG  
 TTTCTCTGCACAGTCCACCCGAAGAGTGGCCTGTCCGAGACGAGGACAGTCCAACAACATCCCCGA  
 GACGTGGAACATGCAATAATCAAAGGATTAACCCTGTACTGACTGTTGACAACCTAACCCAGCACACCG  
 CCCTAATGCAAAAATATGAAGAACAGAAAAACATAACAGCCAGGCGCAGTCAACGGATGTACTGCCAAG  
 CAGGCATAAGTATTCCTCGAAAAGAGGCAACTCGGAGAAGGCCAGGCCAGGCCAAGCCCCACAAGCGG  
 AGCTGTTCTCATAAAGGTAGACAGAAAGCATGGAGCCAGACACGTGAGCTTGAGCCTGGAAGCCCTGAAC  
 AGGAAAAGGAAAAGAACCCCAAGGTCCCTGCAGCCAGCCTGCTGCGAGCACAAAGAGCCCCAGTGAACG  
 AGTTCACACTTGCATGGTAGGAATCCAGCTGTGCTAGGTTCCCACTTGATTTATAAAAAGCAGATCAAC  
 AATCCGTTTCAGGGCATGCATCTCCGAGGGCACCCGCATCCAAAGGTACATCGTTCAGAAGACCCACA  
 AACCTAGTTGCATCGGGCAGAGGAAAAGCCTTCCGGAGGGCAGGCTTTTCTGGTCTTCCAGAGTCTT  
 TGATGGTGAAGCCCAACCTCCATGTCTGGAACATTGCCGTGATAAACTGGAAGCAGAAACCACGCATGTG  
 GCGAAGGCTCCTATCCATCCAGTCAGCGACGATTTAGAGGTGGCCAGGAAATTATCCTCCACATAGAG  
 TTTTGACAAGCCACTCTCGGTGCTGTTCCCTCAGGAAAGTACGCTGCGAGCTGCTGTGTATCACAGGGA  
 AAACAAGTCTCCCTGAAGTCTTGAGGAAAAGTTGGTCCGACTGTGACATGTTCTTAGGGACCAAGGAA  
 AAGAAGCAGGTCTGCTGCACAACGTAGCTCTTTAGACCCAGACTCCTCTGTGTATGCAGAGGATAAGA  
 CAGTGGATAAGACAGTACACCAGTTCAAAACCTCGGCCCTTAGATTGCCAGTTGGTGAAAACCGTTT  
 GAGGACTCATGAAAGACAAGATGGCGACTCAGAAAACTAAGTAGGAAGGCGTTTCAAATCCCAGAGGCG  
 GAGATTGTGAATATGGAAGAGGAGGGGCTTTCTGACAGTGAGCAGGACGAGGTGGCCTTGAGTCAGAGT  
 ACCCCGGGCTGGGGATGATGGGGCTGCAGTTCTGTGTTTAGAGGATGACTTCTCTGAGACAGATGA  
 TTTCTGTCACACTGCCTGGATACACCAGTACTCCTTTCCGCTGGAACTCGTGGAAATCATTGGGA  
 AGACCAACCATGACTGGAAGATCTCTGACTGACTGTAATAGCAAAACCCATAGGCTTGAGCCTTAGGGA  
 TTGAAAGGAATCACTGGTACAAGCCACAGGGTGGTTTTCAAATGCCAGGAAAGCCCAAACCTGATCT  
 CGCTGACAACCTGGCCTAAATTCAGAGATTCCTCCGGTTTTCAACTACGAAGGAGAGCCCGTTGTTGCC  
 CATGTCCAGACCCAGCAGTGTGGCCAAAGTTACTTGAGCGTTCTATTGTAAGGGAGGCCAGTCTCC  
 CGGTTGAGATCCTGCAAGATTCTCTGGTGTAGGGGGGAGAATCCAGCTGTCTGGAGACAGAGCCTTCC  
 AAGTCAGGAAATGAAAAAGCATTTCACAGACAAGTTACAGCTTGTCAAGACCTCACACGTGCCAGCGTTG  
 GCTCACCTGGAAGGCACGGAGAATTCAGCATGGCGGGAGACAGTGGGATTGATTCCCCAGGACGCAGA  
 GCCTGGTGTCTACTAATTCAGCCATGTTGGATGGATTTAAAAGACAGAATTTTCTCAGACTGGGAAAG  
 CGTTCAGAAGAGCCAAAACCTGTCATCGAATTCCTTGTGCGACTAACTCCAGCTATAAATGCT**AA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001191720
<b>Insert Size:</b>	2937 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_001191720.1</a></u> , <u><a href="#">NP_001178649.1</a></u>
<b>RefSeq Size:</b>	2937 bp
<b>RefSeq ORF:</b>	2937 bp
<b>Locus ID:</b>	294388
<b>Cytogenetics:</b>	20q11