

## Product datasheet for **RN212891**

### Zhx3 (NM\_001047097) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zhx3 (NM_001047097) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zhx3
Synonyms:	Tix1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN212891 representing NM\_001047097  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCAGCAAGAGGAAGTCCACTACCCATGCATGATCCCGGTTAAGACCATGGTGTGCCGGGTGCCA  
 GCACAGAGGCTCAGCCTGTGGAACCTCTACCTGAAGTCCCAGCAGGACCTTCCCTCAGAGGCCCTGA  
 AGCCAGCAGTGAGGCAGCCCAAACCCAGCAGCACTGATGGCTCTGCCCTGGCAAATGGCACCAGGGGC  
 ACTTTGGACGGCTACGTATATTCTGTAAGGAGTGTGACTTCAGGTCCCAGGATGTGACCCACTTTGTAG  
 GACACATGACTTCAGAACACACGGACTTAAATAAGACCCACATTTTGTATGTACAGGGTGCAGTTTCT  
 GGCAAAAACCCCTGAAGGGCTGTCCCTGCATAATGCCAAGTGTCACTCAGGGGAAGCCAGCTTCTGTGG  
 AATGTGACCAAGCCAGACAATCATGTGGTGGTGGAGCAGAGTGTCCCTGAGAATGCTAGCTCATCTGTCC  
 TAGCAGGTGAGTCTACTGAAGGGACTGAAATCATATTACCAAGACTCCAATCATGAAGATAATGAAAGG  
 CAAAGCTGAAGCCAAGAAAATCCATATGCTTAAAGAGAACGCTCCTACTCAGCCTGGCGGGGAGGCTTG  
 CCTAAGCCATTGGCCGGGAGACAGAGGGTAAAGAGGGGGACCACACTTTCATCAATGGGGCCACTCCAG  
 TCAGTCAGGCATCTGCTAATCCACAAAACCCCTCATACTGCCAATGGGCCCTGATAGGAACAGTGCC  
 CGTATTGCCAGCTGGCATAGCACAGTTCCTCTCCCTCCAGCAGCCACAGTACATCCCCAGCACCATCCC  
 CACCAACCCCTGCCACATCCAAGGCCCTTCCAAAAGTCATGATCCCCCTGAGCAGCATCCCACATACA  
 ATGCAGCCATGGACTCCAACAGTTTTCTGAAGAACTCCTTCCACAAAATCCCCTACCAACCAAAGCTGA  
 GCTCTGCTACTTGACTGTGGTGACCAAGTATCCAGAAGAAGCAGCTTAAATCTGGTTCACAGCCAGAGA  
 CTGAAGCAGGGAATCAGCTGGTCTCCTGAGGAGATCGAAGATGCCAGGAAAAGATGTTCAATACAGTCA  
 TCCAGTCTGTGCCTCAGCCACAATCACAGTCTAAACACACCCTTGTGGCAGTGTGCCAATGTCCA  
 GCACCTCATCCAGGCTGCTCTCCAGGTATGCTGTGGGACAGCCTGAGGGCACAGCAGGGGGCCTGTTG  
 GTCACCTCAACCATTGATGGCCAATGGGCTACAAGCATCAAGCTCATCTCTCCCCCTGACAACTGCATCTG  
 TTCCCAAGCCAAGTGGCCACCCATTAACACTGTGTGTTCAAATAACAACATCCGCTGTGAAGTTGTCAA  
 TGCAGCCAGTCACTCCTCACAGCATGCCCCAGCATAACTTCCCAAGCTTTCCTTGATGCAAACTCTAC  
 AAAATAAGAAGTCTCATGAACAGCTGTGCGCTCTGAAAGGAAGCTTCTGCCGGAACAGTTTCCCGGGC  
 AGAGTGAAGTAGAGCACCTGACCAAGTACAGGCCTCAGCACCAGAGAGGTCCGGAAGTGGTTCAGTGA  
 CCGGAGATATCACTGCCGAACCTGAAGGGCACCAGGGCCATGGTGCCTGGAGAGCATGGCTCTGTTCTC  
 ATTGACTCTGTGCCAGAGGTGCCCTTCCCTGTCTAAAGTCCAGAGGTGCCCTGTGTCCCAACAG  
 CAACCTCACTAGTGAGTACCCTGCCACCAACGACAGTCTTGGCACCAGACCCAGACTTCACGCCAAC  
 CAAATACAAAGAGAGAGCCCCAGAGCAGCTGCGAGTGCTAGAGAGCAGCTTTGCACAAAACCCACTTCCC  
 CCCGAGGAGGAGCTGGACCCCTAAGAAGTGAACAAAATGACCCGGAGGGAAATGATGGCTGGTTCT  
 CAGAGAGGCGGAAAAGGGTGAATGCGGAGGAGACAAAAGGCTGATGGGCATGCGCCTCAGGAGGAGGC  
 AGAGGGTGCAGGAGGAGGGTGAAGATGAAGAGCTGGCCAGTGAAGTGAAGGGCTCCTGGTGAATGGC  
 TCTTCGGAAATGTTTCTTAGCCATACCTTGGCAGAACGGAAGTTAGCCCCATCAAAATCAACCTCAAGA  
 ACCTGCGGGTCACTGAAGCCAGTGGCAAGAGTGAAGTTCGGGGATGGGATGGGTGTCTGTGAGCCTGA  
 GGAAGATGGCTTGAACAAGGCGGTAGAGCAGCCGCCCAGCAGATAAGCTACAAGAAGACTGCACAGCAG  
 CGCCACTTGTGCGGCAGCTCTTTGTCCAGACACAGTGGCCAGCAACCAGGACTACGACTCCATCATGG  
 CCCAAACAGGGCTGCCCGGCCGAGGTTGGTTCGCTGGTTTGGTATAGCAGGTATGCCCTTAAGAACGG  
 CCAGCTCAAGTGGTACGAAGACTATAAGAGGGCAACTTCCCACCAGTTTGTGGTGCATAGCCCTGGC  
 AACCGAGAGCTGTGCAAGATTATTACATGACACACAAGATGCTGTGTGAGGAGGACCTGCAGACCTCT  
 GCGAGAAGACCCAGATGAGTGCCAGCAGGTCAAGCAGTGGTTTGGTGTGAGAAAATGGGTGAAGAGACCCG  
 GGCTGTGGCAGATAAAGCAGTGAAGTACAGGGCCCTGGACACGGAGAGCCTGTGGCAGTTGACAAGGTG  
 CTGGGCGATGCCTGTGCAGCGTGTCTGAGAACAGTGAAGCATGGGAGCCAAGTGTCTCTGAGGCCGGCT  
 CAGAGCCCTTTCAGACTCAAGTCCCAGTCCGGACGTGAGTTCGAAACAGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_001047097
Insert Size:	2856 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).
Components:	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).
Reconstitution Method:	<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>
RefSeq:	<u><a href="#">NM_001047097.1</a></u> , <u><a href="#">NP_001040562.1</a></u>
RefSeq Size:	3621 bp
RefSeq ORF:	2856 bp
Locus ID:	311604
UniProt ID:	<u><a href="#">Q80Z36</a></u>
Cytogenetics:	3q42
Gene Summary:	transcriptional repressor; dimerizes with both ZHX1 and itself [RGD, Feb 2006]