

Product datasheet for **RN217250**

Zhx2 (NM_001271056) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zhx2 (NM_001271056) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zhx2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217250 representing NM_001271056
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAAGCAAACGGAAATCGACAACGCCGTGCATGGTCCGGACATCACAGGTGGTAGAACAAGACGTGC
 TGGAGGAGGCAGACAGGGCCAAAGACAAAGGACTGGGCGTGCCACCGTCCGATGTGAGCAAGGAGAGGTG
 GGCAGCAGAGCCGGAACCTCGTCCAAAGAAAGCGAGGTGGTGGAGGTGAGATCGGTGGGGGAGAGCCAG
 TCCAAGAACTCCAGGGTGGTATGAGTCAAGTACTGCCCTTACTCCACGCAAAACCTGAATGAGTTCA
 CGGAGCACGTGGATATGCAGCACCCCAACGTGATTCTCAACCCCTCTACGTATGTGCCAATGTAACCT
 CACAACCAAAAAGTATGACTCCCTGTCTGACCACAACCTCAAGTCCATCCCGGGGAGACCAACTTCAAG
 CTGAAGTTAATCAAGCGTAATAATCAGACGGTCTAGAGCAGTCCATCGAGGCCACCAACCAGTTGTGT
 CCATCACTGCCAGTGCTCCTGGAAGTAGTGATAATGACCCCGGGTCTCAGTAGGTAAGACTGCCACGGT
 GAAGACAGGAAAGCAGAAGGCAGATGCCAAGAAAGTGCCCAAGAAGCCTGATGAGGCTGCCCCAGACAAC
 CATATGGAAGGGACTGCCCGCTGGTGACAGACACAGCCGAGATCCTGTCCAGACTTGGAAGTGTGGAGC
 TCCTTACAGATTCACTGGGACACGTATGCCTCCGTACAGCTGCCACCAAAATATCAACCTTGTCGCCAA
 GGTCCCGTCCCGCTGAATACTACCAAATACAACTCTGCCCTGGACACAAATGCTACCATGATCAACTCC
 TTCAACAAGTTCCCTTACCCACCCAGGCTGAGCTCTCCTGGTGACCGCAGCCTCCAAACCCAGAGG
 AGCATATCCGAATCTGGTTTGCCACCCAGCGTTTAAAGCATGGTATCAGCTGGTCCCGAGAGGAGGTGGA
 GGAGGCCCGAAAGAAGATGTTTAAAGGCACGATTCACTCAGTACCCCAACTATCACTGTGCTTCTGCA
 CAGCTGACCCCAAAAAGTGTACAGCCCATCCTCCAGACAGCCCTACCGTCCAGATCCTTGGCCAGC
 CCAGCCTGGTGTGACTCAAGTGACAAGTGGGTCAACAGCTGTCTCGTGTCTCCATCACACTTGCCGT
 GGCTGGAGTGACCAACCATGGCCAGAAGAGACCTCTGGTACTCCTCAAGCTGCCCTGAGCCGAAGCGT
 CCACACATCGCCAGGTGCCAGAACCTCCACCCAAAGGTGGCAATACCCCACTCACGCCAGCTAGTGATC
 GCAAGAAGACCAAGTTACAGATCGCCACCTCAAGGCAAGCTTCTACAGAGCCAGTTCCCTGACGATGC
 CGAGGTGTACCGCTCATTGAGGTGACAGGCCCTTCCAGGAGTGAGATCAAGAAGTGGTTCAGCGACCAT
 CGTACCGGTGTGAGAGAGGCATTGTCCACATCACCAGCGAATCCCTTGCCAAAGACCAGATGGCCATTA
 CTGGCACCCGACACGGTGCACCTACCAGTATACCCAGACTTTGCCGCCAGAAGTTCAAAGAGAAAAG
 CCAGGGACAGTTGAAAACCTGGAAGACAGCTTTCTGAAAAGCTTTTTCCACCCAGGCAGAAGTAGAA
 CGGCTGAGGGTGGAAACCAAGCTAAGCAGGAGGAAATCGACTCCTGGTTTTCCGAGAGGCGAAAGCTTC
 GAGACAGCATGGAGCAGGCTGTCTTGGATTCCATGGGGTCTGGCAAAAAGGGCTCGGATGTGGTAGCCCC
 CAATGGTGCTCTATCCCGACTTGATCAGCTCTCTGGTGCCAGTTAGCTGGTCTTTGCCAGTCCTTCA
 TCAGCAGTTGTACAAAATCAAGAGCAGGTTACCTACTCAGGAGCACCTTTGCAAGAACCAGTGGCCCA
 CTCCTCAGGAGTACGACCAGTTAGCTGCCAAGACTGGCCTGGTCCGAAGTGAATTTGCGCTGGTTCAA
 GGAGAACAGATGCTTACTAAAACTGGAACGTTGAGCTGGTTGGAGCAGTATCAGAGGCATCACCTGTCA
 GATGACCATGGCCACGATGTCGCATCAAGAAGAGCGACAAAACACGTTGCTGAGAGCCAAAGAATGGAA
 GCGAGGTGGCTCACCAGTATGCCAAGGACCCAAAGCCCTCGGCGAGGAGGAATCCGAGAAGCTGGTCCC
 CAGGGTAAAATTGGTCGGCGATCCATCCAAGACTGTCTGGCGGGCAAGCCCTCAGAGGCCACCTCAGAC
 AGATCCGAGGGTAGCCGAGATGGCCAGGGCAGCGAGGAAAACGAGGAGTCAAGCATCGTGGACTTTGTGG
 AGGTGACGGTTGGAGAGGAGGACCCATCTCAGAGAAGTGGGGTAGCTGGAGTCAAGAGAGTACGAGAAG
 CACAGTAGAAAGAGCGGACTCCGACTCGGACAGCACCCCTGCAGAGGCCGCAAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001271056
Insert Size: 2511 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_001271056.1, NP_001257985.1</u>
RefSeq Size:	2855 bp
RefSeq ORF:	2511 bp
Locus ID:	314988
UniProt ID:	<u>Q80VX4</u>
Cytogenetics:	7q33
Gene Summary:	putative transcriptional repressor [RGD, Feb 2006]