

Product datasheet for **SC102716**

ZHX3 (AK091414) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZHX3 (AK091414) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZHX3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for AK091414, the custom clone sequence may differ by one or more nucleotides

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AGTTGCTAGTCTGCCCGCGGTGGCCGGAGGGAAGGAGCGAGGGGGCGGGCCCTTTACCTTTCGCGCG
CATGCGTGTGGGCTGCAGCCTTCTCCCGCCCTGGGGGGCTGCGGGTGAGGGCTCTTTGGGGCGTGT
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CCTTTTCATTTGCAAAATGTTCTGGGGCTGGGGAAAGTTTAACTGGGTTAGGGGATACTTTGGGG
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TTTTTCTGACTGAGGACACAGCTTAAATAAATCTCATTAAAGCCCACTACCTG
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for AK091414 unedited
 GTTCACATTATGTATACGACTCATATAGGGCGGCCGAATTCGCACGAGGGGAAGTTT
 TAACGTGGGTTTAGGGGATACTTTTGGGTTTCTCTCGCGCTTAAGGGGCACCTTGGAGTT
 TGGGTTTCGTTTGTAAATGCGGAAGGTTCCGTTGTGTTTTCGGGATCGGGTTCCTTTGTGT
 TTTGGAGTGTGTTGGGCATAGAATTTGGGGAGCTCCCGGAGAGACAGAAGCAAAGAGC
 CCGAGAGTACCAGTCTGGAGGTGGAATGTCTGGGCTCGCGTCTTGACTTCTACCTGTCT
 TTAACCCGGACAGGAGATTTACCTGTGTCTCATCGGAACTAGGCATTAATAACACTAC
 CTGCTTCTAGGGACCGAGGAGGATTAGGAATTGTTAGCGCAGTACCTACCTAGTAAGCT
 CGCAGCGAGCGTGCAGTAAGCACATGTCTGCTATTGTAACATTTGTGAGGTTTCTTTGTT
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 GGAGGACATTGAGATGCTGGGGTAAGGTTGGAAGTATTANGGACTTGAGGGGGTGC
 CANGTTGTANCACGATGGCATCTGTAAAGACTGGCTTTTGTCTGTNTAGCCTGCCTCCC
 TTGGCAGTTGGTATACAGGGTCAAGTATCCCCTGACCCCGAAATCTTGGGACTAAAAAGT
 GTTTNCNGATTA

3' Read Nucleotide Sequence:

>OriGene 3' read for AK091414 unedited
 TTCAACTATGNNACCGCGCCGCATNCNGAGATNCGATTTTTTTTTTTTTTTTTTTCAGTA
 GTGGGGCTTAATGAGAATTATTAAGCTGTGTCTCAGTCAGAAAATGCACACCCTTG
 CAAAGACGTACAGGGGATCCCTAAAGCACAGCCGTGGACCCCGGAGTAAGAGGGCCTG
 TTCTAGAGCCTAGGAGGAGTCCAGGCTGCAGGGAGCAATGATGGCACCCTGCACTCCA
 ACCCGGGTGACAGAGTGAGACCCTCTAAAAACAGAGAACAAGCCGGGTGTGGTGGCTT
 GTGCCTGTAATCTTAGCACTTTGGGAGGCCGAGGTGGGCAGATTGCTTGAGCCCAGGAGT
 TTGAGACCAGCCTGGGCAAAATCCATCTCTACGAAAAAAGATACAAAAATTAGCCGGGTG
 GGGTGTGGCGCACCTGTAGTCCCAGCTAGTTGGGAGGCTGAGGTGGGAGTATCGTTGAG
 CCCAGGAGGTGGAGGCTGCAGTGAGCTGTGATGCTGTGATCATACCACTGCACTCCAGCC
 TGGGTGACTGAGAGAGAACCCTCTTTGGGAAAAAAAAGAAAAGAAAACACGAGGGTGCCT
 GTTCTAGCCTAGCTTTCTCCTCAAGCTGCACACAGATAAACAGAGGCTCAGAGTGGGGAA
 GGGTGACATAGCTAAGATTACAGTGNGTCCGGAGCAAAAAGAGGCTCTCAACTGATTTT
 TGGACTCTTCAATTTAGGGCTCTGTTAATGACTATTTTATTTTGAATGACTTGATGTGA
 AATGACCTATCTGGNNAGCATCTTGCATGAGTCCGACATGATCACTTCACTGCAGTT
 TGAACCTACTAGTACATATGCCCTCATCTTCTCTGGCTCATCTNCTNCAGACAGCTCA
 NAACCAATGACCCTTTAANCNTGNAACNACATN

Restriction Sites:

NotI-NotI

ACCN:

AK091414

Insert Size:

2800 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:

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: [AK091414.1](#)

RefSeq Size: 2996 bp

RefSeq ORF: 2996 bp

Locus ID: 23051

Cytogenetics: 20q12

Protein Families: Transcription Factors

Gene Summary: This gene encodes a member of the zinc fingers and homeoboxes (ZHX) gene family. The encoded protein contains two C2H2-type zinc fingers and five homeodomains and forms a dimer with itself or with zinc fingers and homeoboxes family member 1. In the nucleus, the dimerized protein interacts with the A subunit of the ubiquitous transcription factor nuclear factor-Y and may function as a transcriptional repressor. [provided by RefSeq, Jul 2008]