

Product datasheet for MC202527

Zhx1 (NM_001042438) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zhx1 (NM_001042438) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zhx1
Synonyms:	3110006I21Rik; mKIAA4149
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC054543 sequence for NM_001042438
 CGGCACGAGGTGCTTTAAGGAACAGAATGCTGAAGAAGCTATGGCAGGTGATTGGAGTTGTGCTTCATAC
 ATTTTCAGCAGTTCAGCAGTGTCTTATCTGCCAACTAAGCTTTTTACTTGAGTGCACCATGGAACGCTAC
 TAATGAGACTTGTGAGCACAAAAGTGGACTTGAAGAGCTAGAAGCCACTGTTTTCAAATGAAGGATTCC
 AAACAGTTTTAAGCCTCAGTGCTTTTAAATCACCCTGAGATTCCCCCTCATCCCTGCCCTAAAATCAA
 AATGGCAAGCAGACGAAAATCAACAACACCTTGCATGGTCCTTGCAGTGAGCAGGATCCAGATCTTGAG
 CTGATATCGGATTTGGATGAAGGCCCTCCATCCTTACACCTGTAGAGAATGCTAAAGCAGAGAGTGTCT
 CCAGCGATGAAGAAGTTCACGGATCTGTGGATTCTGACAATCAGCAAAAATAGAAAGTGGAAAGGGGGCTA
 TGAATGTAATATTGTACTTTTCAAACCTCCAGATCTAAATATGTTTACTTTCCATGTAGATTCAGAACAT
 CCCAATGTTGTGCTGAATTCCTCCTATGTTTGTGTTGAATGCAATTTTCTTACAAAAGGTATGATGCAC
 TTTCTGAGCATAATCTGAAATACCACCCAGGAGAAGAAAATTTCAAGCTGACTATGGTGAAGCGGAATAA
 CCAGACAATCTTTGAACAGACAATAAATGATCTAACTTTTGATGGCAGTTTTGTTAAAGAGGAGAATACA
 GAACAAGGAGAATCCATAGATGTTTCTTCTCGGGAATCTCCATTAGTAAAACCTCCATCATGAAAATGA
 TGAAAAATAAGGTAGAGAACAACCGGATTACAGTCCACCATAACTCAGCTGAGGGCACTTCTGAAGAGAA
 AGAGAATGGAGTAAAAGCAAGCCAGGAAGAAAATGCAGAAAGTGTGAGTCTTTCAGCTTTAGAATCCAAT
 ACAAGTACTTCCACCATCAACAGAGTGCATCCAGTCTGCCAGCACAGTGGTACTCCACAGCTGTTC
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 AATCCCGTTAATAGCATTCTACCTACAATGCTGCATTGGATAACAATCCTCTTCTACTTAATACCTAC
 AACAAATCCCTTATCCTACAATGTCAGAAATTACAGTTCTTTCTGCTCAAGCAAAAATACAGAGGAAC
 AAATCAAGATCTGTTTTTCAGCCCAACGTTTAAAGCATGGTGTAGTTGGACTCCTGAAGAAGTAGAGGA
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 TCCTTACTCAAGTAGCTGGAACAAACACCTTGCCAGTAACAGCACCCATTGCCCTGACAGTGGCAGGGGT
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 ACAGCAGCAGTTCATCCTCGCCAAGTGTACAGACCTGAAGCTGCACTAGTGAACCCAGATTCATTTGGTA
 TTCGGGCCAAAAGACTAAAGAGCAGCTGGCAGAAGTAAAGTGTAGCTACCTAAAAAATCAGTTTCCCA
 TGACTCAGAGATCATCAGGCTTATGAAAATAACAGGCCTTACCAAGGCGAGATTAATAAATGTTTAGT



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GATACAAGGTACAACCAGAGAAATTCAAAGAGTAACCAGTGCTTACATCTCAACAATGACTCCTCTGCCA
 CTATCATCATAGACTCCAGTGATGAAACCCAGAACCCCCAGCGGCAGCTGCTTCACAGCAGAAACAGTC
 CTGGAATCCCTTTCTGACTTTGCTCCCCAGAAGTTTAAAGAGAAAACCTGCAGAGCAACTCCGTGCCCTT
 CAGGCAAGTTTTCTCAACAGTTCTGTACTTACTGATGAAGAAGTAAATAGGTTAAGAGCGCAAACCAAC
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 GTGAAGCGGAAGCTTTCTAAATCGGATGACTGAAATCTACTTAAAATTCTGAAGGAGAATAAGTTCTTCA
 ACTCAAGATCTCTGAATTAAGTGAATGGGCCAACTAATCCTGATGACACTGAAATGCTTTGGGGCAT
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 GCAGTCGGGGGAAGTTCGCAATGTATATAGAGCGCTAATTAACACACCTGTAAGAAAATGAAATTTTA
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 GACGTGATTAAGCTTACAGCTTTGAGTGACCAACATTTTACAGAGTAAAAGTTGTTAGAAATGAAAGAG
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 TGTGCCTGTGCCTGTTATGTTAGGACAGGAAGACCTGTGGTCTTGTCTGGCCTTCATGACTAGACCTCCA
 CTGAACACTGTCTCCATTTGTAGCACTGTGTGACTCCTCTGTGATCCGACTTGTCTTTTACTAACTG
 AAGATACTACCCCAAAGGGAGAAAGAACTTAGCAGAGAGACTCTTAATACTGTTCCAAGTGTAAACAGT
 CCACAGTAAAATACATGTGGTGCCTTTCTCACGGGCGCCAGACAGGCTCAGGGCAGAGTTTGCAGGAAT
 ACTTTTCATGAAATTTCTACCTTGTAGTAACAATTTCAAGTGAACAGAGAAAAAGAAATTCGGAACCTAACAT
 GTTAAAAATTACCTTTTCGTGTAAGAATCGGGCTTTTTAACGGTAAGTATGTCGCAGCAGAAGACAGAG
 TTCTACTGACTGTCACTAGCCTGGTGTGATGTCGTGTTGGGAAGGACCTTTCTGTTGTGATCATAG
 GACCACCTTTCAATCTGTGCTTTCTCACAGGACAAATGTCAGTTTTATTAGATTTGGACTTAAAAATT
 TTTTTTGGATGTCACACATAGTGGGTTTGGCCAGTTCATGTTTTGTCTAACTTAATGAATACTAAATA
 CTAAGCTCTTGGTTAAATGTTTGTGAGCTAATGAGAAATGTTATGATAAAGCCTTGACTATGCATGCTGC
 TTTCAATTTGATAAACTTTTATTTTTAACTATAGCTTTATTAGCAATCCCAAATGCTGCAATTTGCT
 GATTTCTTACACAGACAGCTGGCTTTGTGGGTGGCTTTTTCACTACTGTTAACTTTTTTAAAAAA
 GAAGTGATGTAAGACTGTAACAATTGAATGCACTAAGCTGTTTTCTTTTACACATTTAAAACTTCTT
 AAAGTACTCTGTATTATAATGATTAATTTGCTCCCTTTTTAAACCATTGCTAATGTGGTCTGAGTTTTA
 TTTGACAGTAATTTAATGCTCTCAAGATTCAATCCTTGAGATGTCAAGGATTGGAGATGAAGGATTTGA
 ATATATTTACATTACGATTCCTTTGTGCTATGCTAACTTTGTATAGCTGCAAATAACTTTGTGATTTTT
 CATCTCACTGGTAGGCTGGATGAAAGTCTGCTGATGTTTGTAGCTTTTAAATACATTTATTTCGACAG
 TGCAAAAGAGCTTTTCTTCTGTTGACTATGCTTTGAATACAAAATAAAAGTTAGCAATAACAAAAA
 AA

Restriction Sites:

Ascl-NotI

ACCN:

NM_001042438

Insert Size:

2622 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">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:	BC054543 , AAH54543
RefSeq Size:	4755 bp
RefSeq ORF:	2622 bp
Locus ID:	22770
UniProt ID:	P70121
Cytogenetics:	15 D1
Gene Summary:	Acts as a transcriptional repressor. Increases DNMT3B-mediated repressive transcriptional activity when DNMT3B is tethered to DNA. May link molecule between DNMT3B and other co-repressor proteins (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) represents the longer transcript. Both variants 1 and 2 encode the same protein.