

Product datasheet for **SC110802**

ZXDC (NM_025112) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZXDC (NM_025112) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZXDC
Synonyms:	ZXDL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_025112, the custom clone sequence may differ by one or more nucleotides

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ATGGACCTCCCGCGCTGCTCCCCGCCCGACTGCGCGGGAGGGCAACATGGCGGCGGCCCGGCCCGC
TCCGCCGAGCCCCAGCGCCGCTCGGCGCGAGCCCCGCGCGCCCGCCTGCTACTGGTGCGGGGCCCTGA
AGATGGCGGGCCCGGGCGCGGCCGGGAGGCCCTCCGGGCCAAGCCCGCCGCCGAGGACGACAGC
GACGGCGACTCTTTCTTGGTGCTGCTGGAAGTGCCGCACGGCGGCGCTGCCGCCGAGGCTGCCGGATCAC
AGGAGGGCCGAGCCTGGCTCCCGTGTCAACCTGGCGAGCCGCCCGAGCAGGGCCCGAGCGGCCCGCGCGC
CCCCCGGCGCCTGGCGTAGCCCCGGCGGGCGCCGTACCATCAGCAGCCAGGACCTGCTGGTGCTCTC
GACCGCGCGCTCCTCGCGCTGTCTGCGCCGCCCGGCCCAACCGGGCGCGCCGCTCCCGCGCGG
CGCCCCAGGCCTCCGGCCCCAGCAGCCCGGCTACCGTGCCCCGAGCCGAGTGCGCGCTGGCCTTCGC
CAAGAAGCACCAGCTCAAGGTGCACCTGCTCACGCACGGCGGCGGTGAGGGCCGGCGGCCCTTCAAGTGC
CCACTGGAGGGCTGTGGTTGGGCCCTTCAACGCTCTACAAGCTCAAGCGGCACCTGCAGTCGCACGACA
AGCTGCGGCCCTTCGGCTGTCCAGTGGCGGCTGTGGCAAGAAGTTCACTACGGTCTATAACCTCAAGGC
GCACATGAAGGGCCACGAGCAGGAGAGCCTGTTCAAGTGCAGAGGTGTGCCCGAGCGCTTCCACGCGAC
GCCAAGCTCAGCTCCACCCAGCGCAGCCACTTCGAGCCCGAGCGCCCTTACAAGTGTGACTTTCCGGCT
GTGAGAAGACATTTATCAGAGTGTGCTGTTTCCCATAAACCGAGCCCACTTCAGGGAACAAGAGCT
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AGCCATACAGGTGAAAGACCATTTATTTGTGACTCTGACAGCTGTGGCTGGACCTTACCAGCATGTCCA
AACTTCTAAGGCACAGAAGGAAACATGACGATGACCGGAGGTTTACCTGCCCTGTCGAGGGCTGTGGAA
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CCTGTGGAAGGATGTTGCGCGAGGTTCTCCGCTCGTAGCAGTCTGTACATTCACTCTAAGAAACAGTGC
AGGATGTGGGTGCTCCGAAAAGCCGTTGCCAGTTTCTACCTGCAACAGACTCTTACCTCCAAGCACAG
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TCTCTTACTCCCAGCAGTGAACCTCAGCAGCCAGGCCAAAGTGAGCTCACTAACATGGATCTTGCTGCAC
TCTTCTGACACACCTGCCAATGCTAGTGTTCTGCAGGTGGTTCGGATGAGGCTCTGAACCTCCGAAT
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AAGCCATGGGCTGCCCCAGTCCAGTTCGCCAGTCCAGCAGAGCAGCAGGTGCCAGGACACAGAGCTC
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TCCAGCTGGTGCAGGATGACCCCTCCGGCGAAGGTGTCTGCCCTCGGCCCGCGGCCAGCCACCTTCT
CCCTTCTCACTGTGGACCTGCCCGTCTACGTCTCCAGGAGGTGCTCCCTCATCTGGAGGCCCTGCT
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_025112 unedited
 GTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTGGCAAGAAGTTCAC
 ACGGTCTATAACCTCAAGGCGCAGATGAAGGGCCACGAGCAGGAGAGCCTGTTCAAGTGC
 GAGGTGTGCGCCGAGCGCTTCCCCACGCACGCCAAGCTCAGCTCCCACCAGCGCAGCCAC
 TTCGAGCCCGAGCGCCCTTACAAGTGTGACTTTCCCGCTGTGAGAAGACATTTATCACA
 GTGAGTGCCCTGTTTTCCATAACCGAGCCACTTCAGGGAACAAGAGCTCTTTCTCTGC
 TCCTTTCTGGGTGCAGCAAGCAGTATGATAAAGCCTGTCGGCTGAAAATTCACCTGCGG
 AGCCATACAGGTGAAAGACCATTATTTGTGACTCTGACAGCTGTGGCTGGACCTTCACC
 AGCATGTCCAACTTCTAAGGCACAGAAGGAAACATGACGATGACCGGAGGTTTACCTGC
 CCTGTGCGAGGGCTGTGGGAAATCATTCACCAGAGCAGAGCATCTGAAAGGCCACAGCATA
 ACCCACCTAGGCACAAAGCCGTCGAGTGTCTGTGGAAGGATGTTGCGCGAGGTTCTCC
 GCTCGTAGCAGTCTGTACATTCACTCTAAGAAACACGTGCAGGATGTGGGTGCTCCGAAA
 AGCCGTTGCCAGTTTCTACCTGCAACAGACTCTTCACCTNCAAGCACAGCATGAAGGCG
 CACATGGTCAGACAGCACAGCCGGCGCCAAGATCTTTACCTCAGCTAGAAGCTCCGAGT
 TCTCTTACTCCCAGCAGTGAAGTCAAGCAGCCAGGCCAAAGTGAAGTCACTAACATGGNA
 NNNCTGCTGCACTCTTCTGACACACCTGCCAATGCTAGTGGNNTCTGCAGGNTGGG
 NTCGGATGANGCNTCTGACTNCGAATCCTGACTATTGACGTCACTTCTGTGAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_025112 unedited
 CTATGGACCGGGCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAGGGGATTCAAAACATCACTTTATAACGGGG
 GGCAAATTACCACTTAAACACTAATATCCAAATACAGAATTTAAAAAATTATTTAAATT
 TTAACTTTACCATCCCCCGAGCTTTTGGGTATGAATTTAGTCGGGGAAGAGGGCTCCGT
 AATAGGCCACTGGGGGCTTTGGCCACCAAATTATCCTCCCCGAAAACCTAGGTGGCCG
 ACTGGTTTACCAAATTTGGGCTAAAATTTGGCTTCACGGGGGGAAGGGGACCACTGGGC
 CCTACAGGGGGGAAAATAAACTTGGCCACAAACCCATCCCAGGGGGGGGATGGTAAC
 ACACTGAAGCTGAAAGACCACACTTGGTTTTGCCACAGATCAAGCTGGATTTGACTAAAC
 AGCCTGGTCTTTACCCTATTTCTGGAAAAGTTTTTTTTTTTGAAGGGAACAAGGGCTA
 CACAGCTCAAATCCAACGGGACACGGGGAAGAGGGTGGAGGGCACCTAACCTGGTGAG
 GGAGACCTTTGGCTTGGCAAAGCATTTTGGTCACAAAGGGAGTTTCAAAGAGTATAGCCC
 GAATCATTTCTGGGAAAACAAAAGGAAAACATTTTGTAAATGGACCCAAAAGTCTCA
 AAAGGGGTACGCTGGTCTTTTGAACGGAACCAAATGAGGGCTTCCCAGGCTCATGTCAT
 GAGTCTCAGGGGAGGTGGGGCTAAACCGTGGCCTGGGGCTGCCAGACCGAGGCTGCC
 GTCAGTGGAAATACTGCGGGTTGAAAGGCTTCTGGGAACTGGGTGGGCTCCGGTCCAAC
 GAGGCCCTCAGATGAGGGAGCACCTTTTGGGAGACGTAACGGGCACGTCCATTTAAGAAA
 GGGAAGAAGGGGCTGGCCCCGGCCA

Restriction Sites:

NotI-NotI

ACCN:

NM_025112

Insert Size:

2710 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:	<u>NM_025112.3, NP_079388.2</u>
RefSeq Size:	3410 bp
RefSeq ORF:	1464 bp
Locus ID:	79364
UniProt ID:	<u>Q2QGD7</u>
Cytogenetics:	3q21.3
Domains:	zf-C2H2
Gene Summary:	Cooperates with CIITA to promote transcription of MHC class I and MHC class II genes. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.