

Product datasheet for **MC222364**

Zxdb (NM_001081473) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zxdb (NM_001081473) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zxdb
Synonyms:	Zxda
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222364 representing NM_001081473
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAATCCCGAGGCTGCTCCCGCTCGCGGGACACCGCAGGGCGCGGTGGCGCGGCTGCCCGCGG
 GTGGCGCGGGGTGCACCGAGCCCCGGCTCTCTGGCTTGTAGGCCCCACGCGCCGCCTCTACTGCT
 CCGGGGGGCCAAGATGGCGGGCGGGCCCGGAGCGCAGAGGCCAGAGGGCCTCCCGGGCCTGGGC
 CCGAGCCTGAACCGTTGGCGCCGAGGCCCGATACCGGAGCAGCGCGCGGCAGAGGGCGCGGCTG
 GCGGAGGAGGAGGAGCAGCGCGCGCGGTGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG
 CGGCAGCAGAGCGGCAGCGACTTCTCTGTTGCTGCTTGACCCGGTGGGTGGCGATGTAGAAACC
 GTGGGCACGGAGCAGGCCGAGCGCCCGTGGGAGGGAGAGGCCGGGCAGGCCGAGGCCGAGCGGC
 GCCAGAGCGCGGGCCCCAGCGGGCCGTCGCGAGCCGGTCCCCGTGTCTGTCTGCGGTCCCGCGCG
 GTCCCCGTTCCCGCGCGCGCCCGGGCCAGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCTTCGCG
 GGACCATCACCATCCACAACCAGGACTTGCTGCTGCGCTTCGAGAACCGCGTCCACCCCTGACCACGC
 CCCCCTGCCCGCTGGGAGCCGGGGTTCGCGCCGTTCCCGCAGCCTCAGCCGCCCGCAGCCGGGGG
 GCTGATCGCCCCGAGCCCGCCCGCGCGGGTTCCCGCCCGCGTCCCGCCCGCGCGCGCGCGCGCG
 GCCGGGGCGCAGCTGGGCGACTGCCCGAGTCCCGCGGACCTCCTGCTGGCGGAGCCGGCGGAACCCG
 CGGCTGCCCGCGCGCCCCGAGGAGGAGCCGAGGCCCGCGCGCGCGCGCGCGCGCGCGCGCGCG
 GCCCGCGGGCCCCGGGCCCGGGCGTGGTGTACCTGTGCCGGAGGCGAGTGGCGCCAGACC
 TTCGCAAGAAGCACCAGCTGAAGGTGCACCTGCTGACGCACAGCAGCAGCCAGGGCCAGCGGCCCTTCA
 AGTCCCCTCAGCGGCTGCGGCTGACCTTACCACCTCTACAAGCTCAAGCGCACCTGACCGCCAGCC
 CGACAAGCTGCGCCATTTCGGCTGCCCGTGCAGGGCTGCGGCAAGAGCTTACCACCGTCTACAACCTC
 AAGGCGCATGAAGGGGCAGCAGCAGGAGAACTCCTTCAAATGCGAGGTGTGCGAGGAGAGCTTCCCA
 CGCAGGCCAAGCTCAGCACCCACCGCAGCCACTTCGAGCCGAGAGGCCCTACCAGTGCAGTTCCTT
 GGGCTGCAAGAAGACCTCATCACGGTGAAGCGCTGTTCTCGCACAAACCGCGCCATTTAGGGAACAG
 GAACTTCTGCTGCTCCTTCCCTGGTGCAGCAAGCAGTACGACAAGGCTGCAGGCTCAAGATCCACC
 TGCGCAGCCACACCGGGAGAGACCTTCTGTGTGACTTCGACGGTGCAGGCTGAACTTACCAGCAT
 GTCCAAGCTTTAAGGCACAAGCGGAAGCAGGAGCAGCCGAGTTTACCTGTCCCGTCGAGGGCTGC
 GGCAAGTCTTACCAGGCGCAGCCTGAAAGGCCACAGCATAACCCACTGGCACCAGCCCTTCG
 TGTGCCCGTGGAGGGTGTGTGCCCGCTTCTCGGCTCGCAGCAGCCTTACATCCAACCAAGAAGCA
 CTTGACAGGACGTGGGTGCGTGAAGAGCCGCTGCCCGGTCCCACTGTAAACAAGCTTTCACGTCCAAG
 CACAGCATGAAGACCCACATGACCAAAAGGCACAACCTCAGCCAGGACCTCCTGGCCAGCTAGAAGCTG
 CCAACTCTCTACGCCAGCAGTGAAGTACCAGCCCGGGCAGAGCGATCTCAGTGGGGCCGAGCTCGT
 GTCTCTGTTCTCGGATGTGCTGGCCACGGTCCCGCCGGTGTGGACACGGCTTGGTCAACTTGGC
 ATCTTGACTATTGATGTGGCCTGTGAACTCGAGCCTCGCGGAAGTCTCCCTGCGGATAATAACAGCA
 ACAACCTTCTTGGGGCAAGCGGCCGAGCCTCGGGCTTGGGGGGCCCCAGTGACCTCCCCAGAG
 TCTGGATACCTCTCTCTTTCGGAACCTCGGTGGTGGCTACCAGCAGCCCTTGGACATGGACGAT
 GTCTCCCGGGAAAGTGGGGCTTTTGGCTCCTTGGCCCTGAAAACTCAAGCCTGGAGCCGAGGCTT
 TGACACCCAGCAATAAGTTGACTGTGGACCGAAGCTCTGACCCCTCCAGCACCCTCTGTGAAAAACG
 TGTCTCCGAGCTACTGACCCAGCCAAAGCCGAGTGAACGTGCACCCGAATCTGACTTCTTTGGACAC
 GAGGAAGAAACCCAGTTCGGATTCTCCACCCAACAGGAAGCCATGGGTCTCAGAAAGACACAGATCTTA
 TCACGGTACTGGCACCCGTTTTTGGTA**TGA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001081473
 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:	NM_001081473.1 , NP_001074942.1
RefSeq Size:	5623 bp
RefSeq ORF:	2622 bp
Locus ID:	668166
UniProt ID:	A2CE44
Cytogenetics:	X C3
Gene Summary:	Cooperates with CIITA to promote transcription of MHC class I and MHC class II genes. [UniProtKB/Swiss-Prot Function]