

Product datasheet for **MC200020**

Zxdc (NM_030260) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zxdc (NM_030260) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zxdc
Synonyms:	A930012H20; B930086F11Rik; BC003332
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC003332 sequence for NM_030260
 CCCACGCGTCCGCCACGCGTCCGGTAGTCTAAGCTCAGCTTTGACAGAGGCTCCCGGGGGCGGACCT
 AGGTGTCGCGCGCATGCCTGGCAGGGCTGGGCAGCTCTTCTCCGGTGGCTGCGGTTCCGACGCCTCAGCT
 GGGCCTAAGATGGACCTCCCGCGGTGCTGGCCGCCCCGGCCACGCGGGAGACCAACATGGCGGTGGCC
 CGAGCCGACTTCGCCGCGGCGGGGGCCGTCCTCGGTGCCGGTCCCGGGCGCCGTGCCTGCTGCTGCT
 GAGGGGCCCGAAGATGGCGGGCCGGGCCGCTCCAGAGGAGGCCCGGGGCCACCCATGGTCAGGAGG
 AGGCCGAGCCCGATTCCGGCGCGAGCCACGGAACAGGTCGCCGCGCCGCCCGCGCGAGCTCTGGC
 AGGCACGGTCACCATCCACAACCAGGACCTCCTGGTGCGCTTCGACCGCGCGCTTTCACGCTGGTGCG
 GCGCCCGCGCCAGCCGCCCGAGCCTGCATCCCGCGACCACCCGGGCTGGAGCCCTCGAGCGTGTG
 CGTCCCGCGCGGGCCGGTGGCCGCTAGCGCTGGCTCCCGGCCCTACCGTGTCCGGAGCCGAGTGC
 GCTGAGCTTCGCAAGAAGCACCAGTTGAAGGTGCACCTGCTGACGCACGGCAGCCTCCAGGGCCGGCG
 CCCTTCAAGTGCCCGCTGGATGGCTGCGGCTGGGCCTTACCACCTCTACAAGCTCAAACGGCACCTGC
 AGTCGCATGACAAGCTGCGTCCCTTAGCTGCCGGTGGCGGCTGCGGCAAGAAGTTCACCACCGTCTA
 CAACCTCAAGGCGCACATGAAGGGCCACGAGCAGGAGAGCTTGTCAAGTGCGAGGTGTGCCCGAGCGC
 TTCCCACACACGCCAAGCTCAACTCCACCAGCGCAGCCACTTCGAGCCCGAGCGGCCTTACAAGTGTG
 ATTTCCCGGCTGTGAGAAGACGTTTCATCACAGTGAGTGCCCTGTTTTCCATAATCGAGCCCACTTCAG
 GGAGCAAGAGCTTTTTCTGCTCCTTCTGGGTGCAATAAACAATATGACAAAGCCTGCCGACTGAAA
 ATTCACCTTGCGAAGTCACACAGGTGAAAGACCATTTATTTGTGACTCAGACAGTTGTGGCTGGACCTTCA
 CCAGTATGTCCAACTTCTAAGACACAAAAGGAAACATGATGATGACCGGAGGTTCACTTGCCTGTTGA
 AGGTTGTGGCAAGTCATTCACTAGAGCAGAGCATCTGAAGGGCCACAGTATCACCCACCTGGGAACAAAG
 CCATTGCAATGCCCTGTGGAAGGGTGTGTGCCAGTTCTCAGCTCGCAGCAGTGTACATTATTCTA
 AGAAACATCTGCAGGACGTGGTACTCCGAAAAGCCGCTGCCAGTGTCCAGCTGCAACCGACTTTCAC
 CTCGAAGCATAGCATGAAGGCACACGTGGTGCGGCAGCACAGCCGGCGCCAAGATCTTGTACCTCAGCTG
 GAAGCTCCGAGCTCTCTCACACCAGCAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
 ATCTCGCAGCACTTTTCTCTGACACACCTGCTAATAGCAGCAGTTCAACAGCTGGGTGCGATGAAGCACT
 GAACTCTGGGATCCTCACCATTGATGTCACCTTCTGTGAGCTTCTCTGGGAGGGAATCTCCCTACTAAC
 AATAACTCCTTAGGACCAATGGATCCACTCGTTCTAGTGGCCACGGTATATGCCTCCAAGTTTGGACA
 GTCCTCTGTCTTGGGACATCGGCCACGGTCTCCAACCAGGCAGCTTCAAGTGCAGATGATTCACAGGC
 CATGAGCACAGGAGCAGTAGGCTGCCTGGTGGCTCTGCCTGTGAGGAAGTGAATCAAGACTCTCCAGCT
 TTGACCCCGAGCAATAACTTGACAGCACCTGGTACCACACCAACTTCTTCAGACACCACCAAGAACTG
 GCAGTGTGCCAGATCTGCTGGTTCCAATAAAGGTGGAACAAGACTTGTCTCCTGTCCCAGATGGTCCAGG
 GGCAGAAAGAAAGCCATGGGCCATCCAATCTGTGCTGTCCAGCTCTACAGAGAGGCCAGGGGCTCAGAA
 GGACTCAGAGCTCAGTGTGGCAGAGCAGTCTACTTGGTATGAAGCACTCTATTCCATCACCACCAC
 TAGCTCACTTCCCTAATGCACCTTGGATCGTGTGGGATGAATCCTGTCTATGCAGACGGTCTTTCTG
 GTGTGCAGAAGGACAGATGGAGCCTGGGCAATAGTCTGGAAGCCTGACTTTGACTTTGAGTCTGGAATTG
 ACATTTTACAGCTTTAAGCAAATCGCTTAACCTTATCTGAGCCCTAGATCCTCACTTATTCTAAAAATA
 GGGGTTTTGGCTACATGCATTCTAAGATTTCTTTTGTGATTTTATACAGTTTTTATGAGAAAA
 CTTGAGGCATTTCTACTATTGAAATATTACCTTTGTGCTTTTACGTAGTGACAAGTCTAGAAGAGC
 AATGTTGACTTCAATCGTCTTAACAGTTTCAAGTGGAACTTGAAGCTACGTGAGGATATTTTTATTAGAA
 TAACAGTGATTCTGAGCCTTATTCTTGAAGGATTATAACAATACTCTAATTTTGAAGGCTGGACAGTTA
 TTGATTTCTATATTTATCAATTATACCTTTAATATAATCTAATTTAAAGTAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_030260
Insert Size: 2265 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:	BC003332 , AAH03332
RefSeq Size:	2867 bp
RefSeq ORF:	2265 bp
Locus ID:	80292
UniProt ID:	Q8C8V1
Cytogenetics:	6
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) represents the longer transcript but encodes the shorter protein (isoform 1).