

Product datasheet for **MC202807**

Zeb2 (NM_015753) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zeb2 (NM_015753) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zeb2
Synonyms: 9130203F04Rik; D130016B08Rik; SIP1; Zfhx1b; Zfx1b; Zfxh1b
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC060699 sequence for NM_015753
 GCCGAAAAGAGATCAGTTCTAACCTGCTCGGCAGGAATAACGGTCTGCCTCCAGACACTCTTGGCGAGG
 TTTTGTTCAGTTTGTCTCCGGGAGCTGTTTCTTCGCCTCCACCTTTTTCTCCCCACACTTCGCGCTTCT
 TCATGCTTTTTCTCTCACCATTCTGGCCAAAACACTACAACAAGACTTCACAGATCGAGCTGCGTGCT
 GCCGAAGCAGGGCGCCGAGTCCATGCGAACTGCCATCTGATCCGCTTTATCAATGAAGCAGCCGATCAT
 GGCGGATGGCCCCGGTGAAGAGGCGCAAACAAGCCAATCCCAGGAGGAAAAACGTGGTGAACATGAC
 AACGTAGTGGACGCAGGCTCGGAGACAGATGAAGAGGACAAGCTTACATTGCTGAAGATGATAGCCTTG
 CAAACCTCTGGACCAGGACACCAGCCAGCTAGCATGCCAACCATGAGTCTCCCCACACATGAGCCA
 AGGGCTGCTACCAAGAGAGGAAGAAGAGGAGGAGCTAAGGGAGAGTGTTGTGGAGCACAGCTGGCACAGT
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 GGCAAGAAGAAAATGACCTGCCACCTGGAACCTCCAGATGCTTTTGCCAACTGCTGACCTGCCCTACTG
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 TACGAATGCCAAACTGCAAGAAACGCTTCTCTATTCTGGGTCTACAGTTACATATCAGCAGCAAGA
 AATGATTGGTTTAAATATCAGTAAATGGCCGAATGAGAAACAATATCAAGACGGGTTCTTCCCTAATTC
 TGTTTCTTCTCTCTACTA AACTCAGCCATTACTCAGTTAAGGAACAAGTTGAAAATGAAAACCACTT
 AGCATGTCTGAGCAGACAGGCTTACTTAAAGATTA AAACAGAACCCTAGACTTCAATGACTATAAAGTTC
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 GGCAAAAGATGGACTGCAAGACGGAAGACATTTCAAAGTTGAAAGGTTATCATATGAAGGATCCATGTT
 TCAGCCAGAAGAACAAGGGTAACCTTCTCCAATATTTCCCTGTGGTCTTCCAGTAGTGAGTCATAAC



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GGTGCCACTAAAAGTATTATTGACTATACCTTAGAGAAAGTCAATGAAGCCAAAGCTTGCCTCCAGAGCT
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 TTCCCGGGCCCTATCCCTGCATCAGCATGAACGATACCTGTGTAAGATGAATGAAGAGATCAAGGCAG
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 TCGTACACTCAAATAGCTTCTCTCCGAGGAGCTGCAGGCTGAGCCGTTGGACCTGTCATTACAAAAC
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 TACTGCAAGCGGGAGGGGAGGAGCGGGGAGCAGCCGAGCGGAGGCGGAGAGAAGGGCACTTGAAC
 CCACCGAGCTGCTGATGAACCGGGCTTACCTGCAGAGCATCACCCCTCAGGGGACTCTGACTCGGAGGA
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 AGGAAAAAGTAAAGATGAGAAGTAAAGAAAGCCTTTGTAAGGTGGTTTTAAAGCCTTATGCAAACTTTT
 AATCTGTGTCTCTGCAAGTGCCATCCTTGTACAGTGTTACAGGGTAACGAGGGTACCTTTGCACCAGC
 TTCAGTGTTAAGCTCACCGTGTTCTTTGAAGCACCCGTGTGAGTATTAGACGACTAGGCAGCAGTTCCTT
 AGTTTACATATGTTTGTGCAATTTTCTGTACTTTTTTGTTCATTAATTTTGTGAGTATTACACAAA
 CTTTTTTTGAACAAAAAATAATTTTTTGCATTCATTTAATTTTAGGTCAAATAACATTTTATTTAT
 GTGGCTCATTTTATTTTCTAATTTTATTTTACTACTGTAGTGTACAGTATTATAGTCTTCAATA
 TATAGATATATTTAGTAAAAAAGGAACATGACGTTGATCATTGGGCAATTTTACGTAAGAGAGAAG
 CATTTATTGTGTTTTGGAACATTAATTGTGAGATGGGATTTTTCAATTTTATTATTTTATTTTTGTTTT
 GTTTTTCAATTTACTGGAGATTCCAAATTTGAAACTTTTGATACAATCTTGTGAAAACACTGTATTTTC
 GACTGAAAATTCACCTTCTTTCATCTTGTTTTTAGCTAACCTCAAGAGGGACTGTTAAATACAATGTAT
 GATACCATGACAAAAATCTTCTGAAATGCTTTGTAAGTATTATTGAATTTTCAATTTGTAATTTTC
 TTTTGAATGACCATGCTCGAATAAAAAATGTAGCCAACTAAAAAATAAAAAAAAAAAAAAAAAAAAAA AAAAAAA

Restriction Sites:	Ascl-NotI
ACCN:	NM_015753
Insert Size:	3648 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	BC060699 , AAH60699
RefSeq Size:	5398 bp
RefSeq ORF:	3648 bp
Locus ID:	24136
UniProt ID:	Q9R0G7
Cytogenetics:	2 B
Gene Summary:	<p>Transcriptional inhibitor that binds to DNA sequence 5'-CACCT-3' in different promoters. Represses transcription of E-cadherin.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 4. Variants 2-7 all encode the same protein. 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.</p>