

Product datasheet for **MC216223**

Zik1 (NM_009577) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zik1 (NM_009577) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zik1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216223 representing NM_009577
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACTGCAGAAATGGATATGGCCCTCATGCAGGGCTGTGTGACCTTTCAAGATGTGCCATTTGCTTCT
 CCCATGAAGAATGGAGACTTCTTGATGAGACTCAGAGGCTCCTGTACCTCAGTGTTATGCTGCAGAACTT
 TGCACTCATAAACTCCCAGGGTTGTGGGCATAAAACAGAAGATGAAGAGCGAAGGGTTTCTACACGAGCG
 TCAAAGGGTTTGAGATCCGAGACCACCCGAAAACAACTCTGTGAAAAGTGTGTCCCGATTCTGCAAG
 ACATTTTGTGCCTGCCTGGTCTACCTGGGCAGAAACATAGTACAGAGGCAAGTTCAAAGTTGATCAGCA
 CCAAGACCATAATAGTACAGGAAAACCTTGGAGAAGAATGCTGACAGGTCTTCATACCTGTTCTACCTG
 TCAGCAAAGTCTTCCCAGTTGGGATGTTGAAAAGACCTCCAGATATACTGAGCCTTCTGAAGTCTC
 AGGTCTGTCCAAAACAAAGTACAGAAAAGCACTGAGGGTAGGAAAGAAACAAGTCATGAAAGTGA
 CAAGTCAGAAGAGTGTGACAGCCTTCCAGTCAAAGCAAACACTTGCTCACCACCAAAAACCTCCAAT
 GGAAAGAAACTTTATGAGTGCAGCAAATGTGAAAGACCTTCCGTGGCAAATACTCCCTTGATCAACATC
 AGAGAGTCCACACCGGAGAGAGGCTTGGGAGTGTAGAGATTGTGGGAAATCTTTAGCCAGACCTCCCA
 CCTGAATGATCACCGTAGAATACACACTGGAGAGAGGCCTTATGAGTGCAGTGAATGTGGGAAATATTT
 AGACAGAACTCCAGTCTTGTGATCACCAGAAAACCTACTGGAGCAAGACCATATGAGTGTAGCCAGT
 GTGGGAAGTCCTTTAGTCAAAGCTACACTTGTAAACACAAGAGAGTTCACACTGGAGAAAGGCCTTA
 CAAGTGTAGTGTGAGTGTGGGAATTCCTTTAGTCAAAGTCCATTCTTAACCAACACCGGAGAATTCACACT
 GGAGTAAAGCCTTATGAATGTAGAGAATGTGGGAAATCTTTAGCCAAAAGCTACCCTTATTAACACC
 AGCGAGTTCACACTGGAGAAAGGCCTTACAAGTGTAGTGTGAGTGTGGGAAATCTTTCAGTCAAAGCTCCAT
 CCTTATTC AACACCGGAGAATTCATACAGGAGCAAGGCCCTATGAGTGTAGCCAGTGTGGAAAGTCCTTT
 AGCCAAAAGTCCGGTCTATTACGATCAGGTAGTTCACACTGGAGAAAGCCATATGAATGTGACACAT
 GTGGGAATCTTTAGTCACTGCTAGCCTCATTATCACCAAAAATGTCATAACGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_009577

Insert Size: 1392 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: [NM_009577.3](#), [NP_033603.2](#)

RefSeq Size: 4191 bp
RefSeq ORF: 1392 bp
Locus ID: 22775
UniProt ID: [Q80YP6](#)
Cytogenetics: 7 A1
Gene Summary: May be a transcriptional repressor.[UniProtKB/Swiss-Prot Function]