

Product datasheet for **MC217585**

Zic2 (NM_009574) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zic2 (NM_009574) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zic2
Synonyms:	HPE5; Ku
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217585 representing NM_009574
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTCTGGACGCGGGGCCAGTTCCTCGGCCATCGGGGTGGGAGCTTCGCGGCCACCACCACCACT
 CGGCCGCGGCAGCGGCGGCTGCGGCGGCCGAGATGCAGGACCGGAGCTGAGCCTGGCGGCAGCTCAGAA
 CGGCTTCGTGGACTCGGCGCGGCGCACATGGGCGCCTTCAAGCTCAACCCCGGGGCACACGAACTGTCT
 CCTGGTCAGAGTTCGGCCTTACGTCGCAAGTCCGGGTGCTTACCCGGGTTTCGGCTGCTGCAGCCGCTG
 CGGCCGCGGCTTAGGGCCCCACGCCGACACGTTGGCTCCTATTCGGGGCCTCCCTTAAATCCACCCG
 GGACTTCTGTTCGCGAGCCGGGCTTCGGGGACTCGGCGCCGGGAGGCGGGCAGCACGGGCTTTCGGA
 CCCGGCGCGGCGCCTTACCACGCGCACTCGGACGCGCAGGGCCACCTTCTTTCCCTGGCCTCCCGG
 AGCAGCACGGGCGCACGCTCGCAGAAGTGTCAATGGCAAATGCGCCTAGGGCTGCCGGGCGAGGT
 GTTCGGGCGCTCGGAGCAATACCGCAAGTGGCCAGCCGCGGACCGACCCTACTCGGCGGCGCAGCTC
 CACAACCAAGTACGGCCCTATGAATATGAACATGGGGATGAACATGGCAGCGGCCGAGCCACCACCACC
 ATCACCACCACCACCCTGGTGCCTTTTTCCGCTACATGCGGCAGCAGTGCATCAAGCAAGAGCTCATCTG
 CAAGTGGATCGACCCGGAGCAGCTAAGCAATCCCAAGAAAAGCTGCAACAAAACCTTTCAGCACCATGCAC
 GAGCTGGTGACCCACGTCTCTGTGGAGCAGTCCGGCGGCCGGAACAGAGCAACCACGTCTGCTTCTGGG
 AGGAGTGTCCACGCGAGGGCAAACCTTTAAGGCCAAATACAACTGGTCAACCACATCCGCGTGACAC
 TGGCGAGAAGCCCTTCCCTGTCTTTCCCGGCTGTGGCAAGGTCTTCGCACGCTCCGAGAACCTCAAG
 ATCCACAAAAGAAGTCTACAGGGGAGAACTTTCCAGTGTGAGTTCGAGGGCTGTGACCGGCGCTTCG
 CCAACAGCAGCGACAGGAAGAAGCACATGCATGTCCACACCTCAGATAAGCCCTATCTCTGCAAGATGTG
 TGACAAGTCTTACACGCATCCCAGCTCGTTGCGGAAGCACATGAAGGTCCATGAGTCTCCCTCAGGGC
 TCCGAGTCTCCCGGCTGCCAGCTCTGGTACGAGTCTCCACACCCCGGGGTTGGTGTCCCCACGCG
 CAGAGCCACAAAGCAGCTCCAACCTGTCCCAGCAGCGGCGGCGAGCAGCAGCAGCGGCTGCGGCAGCAGC
 GGCCGCGGTGTCCGAGTGCACCGAGGCGGGTCTGCGCAGCAGCGGCTCCGGAGGGGCTCGGCGGCC
 GGCAGCGGTGGGGGCGGCGGGGCGGGGCGGGGCGGGGCGGCGGCGGAGCTCTGGCGGGGCGAGCGGACAA
 CCGGAGGCCATAGCGGCTCTCTCCAACCTCAATGAATGGTACGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_009574

Insert Size: 1590 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_009574.3](#), [NP_033600.3](#)

RefSeq Size: 2967 bp

RefSeq ORF: 1590 bp

Locus ID: 22772

Cytogenetics: 14 65.97 cM