

## Product datasheet for MC209667

### Zic4 (NM\_009576) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Zic4 (NM\_009576) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Zic4  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC209667 representing NM\_009576  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAATACAAGACTTCCTGGTGTGAGGAAGCGGTTACGGCTGTACAGAAACTCTGAAAGAATCAA  
 GTAGCAGCTGTGGACACCATGGGCCAGCTCGCCGCTTCTTGAACCCCTCCGTGCTTCGGGCCCTTCA  
 CGAGCAGCTCCTCAGGCCTCCACAGCCGCTCTTGAACGGACTCCTGCGTCTGGGGATCCCTGGAGAC  
 ATGTATGCGAGGTCGGAACCTTTGCACCAGGGCCTATGGCCGACGACACTCTGGCAACAGCCACAG  
 CCCTGCACGGTTATGGCGCATGAACCTGACCATGAACCTCACCCACCCCATGGCCCTGGAGCCTTTTT  
 CCGCTATATGCGCCAGCCATCAAACAGGAGCTCATCTGCAAGTGGCTAGGGGATGACAGCCGATGTCC  
 CCGCGTCCCTGCTCCAAACTTTTCAGCACCATGCACGAGCTGGTCACGCACGTCCTGTGGAGCAGTCG  
 GTGGCCAGAGCAGGCTAACACATTTGCTTCTGGGAGGAGTGTCCGCGACAGGGCAAGCCCTTCAAAGC  
 CAAATACAACTTGTAATCACATCCGCGTGCACAGGGCGAGAAGCCCTTCCCTGTCTTTCCAGGG  
 TGTGGGAAGTCTTTGCTAGATCAGAAAATCTCAAATAACAAACGAACACATACAGGCGAGAAACCTT  
 TCAGATGTGAGTTCGAGGCTGTGAGAGGCGTTTCGCCAACAGCAGCGACCGCAAGAAACATTTCGACGT  
 GCACACGAGCGACAAGCCTTATATGTGCAAGGTGCGCGGGTGTGACAAGTGTACACGCACCCAGCTCT  
 CTGCGAAAGCACATGAAAGTTCATGGTCTCACCGCCACCCAGCTCTGGCTACGACTCGGCTATAACGT  
 CTGCTCTCGCGTCCGCTCGTTAGAAAGCGGCCGTGAGCCCTCAGTGGCTTGCTCTCGCGCGGTGTTGT  
 CCGTGGCACAGACGTGAGCGAA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI  
 ACCN: NM\_009576  
 Insert Size: 1005 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_009576.2</a> , <a href="#">NP_033602.2</a>
<b>RefSeq Size:</b>	4088 bp
<b>RefSeq ORF:</b>	1005 bp
<b>Locus ID:</b>	22774
<b>UniProt ID:</b>	<a href="#">Q61467</a>
<b>Cytogenetics:</b>	9 48.26 cM
<b>Gene Summary:</b>	Binds to DNA.[UniProtKB/Swiss-Prot Function]