

Product datasheet for **RN208199**

Zic2 (NM_001108392) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zic2 (NM_001108392) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zic2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208199 representing NM_001108392
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTCTGGACGCGGGGCCAGTTCCTCGGCCATCGGGGTGGGAGCTTCGCGGCCACCACCACCACT
 CGGCCGCGGCAGCGCGGCTGCGGCGGCCGAGATGCAGGACCGGAGCTGAGCCTGGCGCGGCACAGAA
 CGGCTTCGTGGACTCGGGCCAGCGCACATGGGCGCTTCAAGCTCAACCCCGGGGCACACGAACTGTCT
 CCTGGTCAGAGTTCGGGCTTACGTCGCAAGTCCGGGCGCTACCCGGGTTTCGGCTGCAGCGGCCGCTG
 CAGCCGCGGCTTAGGGCCCCACCCGCTCACGTTGGCTTTATTCGGGGCTCCCTTTAATCCACCCG
 GGACTTCTGTTCGTAGCCGGGCTTCGGGACTCGGCGCCGGGAGGCGCCAGCACGGGCTTTCGGA
 CCCGGCGCGGCCCTCCACATGCGCACTCGGACGCGCAGGGCCACCTTCTCTCCCTGGCTCCCGG
 AACAGCACGGGCGCAGCCTCGCAGAAGTGTCAATGGCAAATGCGCCTAGGGCTGCCGGGCGAAGT
 GTTCGGGCGCTCAGAGCAATACCGCAAGTGGCCAGCCGCGGACCGACCCTTACTCGGCGCGCAGCTC
 CACAACAGTACGGCCCTATGAATATGAACATGGGGATGAACATGGCAGCGGCCGAGCCACCACCACC
 ACCACCATCACCCCTGGTGCCTTTTTCCGCTACATGCGGCAGCAGTGCATCAAGCAAGAGCTCATCTG
 CAAGTGGATCGACCCGGAGCAGTAAGCAATCCCAAGAAAAGCTGCAACAAAACCTTTCAGCACCATGCAC
 GAGCTGGTGAACACGCTCTGTAGAGCATGTCGGCGGCCCGGAACAGAGCAACCACGCTCTGCTTGGG
 AGGAGTGTCCACGCGAGGGCAAACCTTTAAGGCCAAATACAACTGGTCAACCACATCCGCGTGACAC
 GGGCGAGAAACCTTCCCTTGTCTTTCCCGGTTGTGGCAAGTCTTCGCACGCTCCGAGAACCTCAAG
 ATCCACAAAAGAAGTACACAGGGGAGAAACCTTCCAGTGTGAGTTCGAGGGCTGTGACCGACGCTTCG
 CCAACAGCAGCGACAGGAAGAAGCACATGCACGTCACACCTCAGATAAGCCCTATCTCTGCAAGATGTG
 CGACAAGTCTACACGCATCCCAGCTCCTTGGGAAGCACATGAAGGTCCATGAGTCTCCCTCAGGGC
 TCCGAGTCTCCCGGCTGCCAGCTCTGGTACGAGTCTCCACACCCCGAGGTTGGTGTCCCCAGCG
 CAGAGCCACAAAGCAGCTCCAACCTGTCCCAGCAGCGGCGGCGGCGGCGGAGCGGCTGCAGCAGCGGC
 GGCCGCGGTGTCCGAGTGCACCGAGGCGGGTCTGGCAGTAGCGGCTCCGGAGGGGCTCGGCGGCC
 GGCAGCGGTGGGGCGGCGGGGCGGGGCGGGGCGGCGGCGGCGGAGCTCTGGCGGGGCGAGCGGGACAG
 CCGGAGGCCATAGCGGCTCTCTCCAACCTCAATGAATGGTACGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001108392
- 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_001108392.2](#), [NP_001101862.2](#)

RefSeq Size: 2903 bp

RefSeq ORF: 1590 bp

Locus ID: 361096

Cytogenetics: 15q25