

Product datasheet for **MC222793**

Zc3h18 (NM_001029994) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Zc3h18 (NM_001029994) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Zc3h18 |
| Synonyms: | 1190001B23Rik; 5830416A07Rik; Nhn1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >MC222793 representing NM_001029994
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGATGTGGCCGAGAGCCCTGAACTGGATCCTCACTCCCAGAGGATGAAGAGCAGCCGGCACTCTCAG
 ATGATGACATTCTAAGAGAAAGTGGATCTGAACAAGATTTGGATGGAGCTGGGAAAGGGCTCTGATTT
 GGAGGAGGAGAAAATGCAACCAGGGTACAAGCCAGGAGGAGACTCGCTCGGATGAGGAAGACCGAGCC
 AGTGAGCCCAAGTCCAAGATCAGGACTCAGAGGCTCATGAGCTGAGCAGGGGCCACGGGATCCCCAT
 GCGAGGAGGGGATGATGTTGAGGAAGATGGGACAAGTGACCTCAGGACGAAGCCTCCTCGGTGACCCG
 GGAAGTGGATGAGCATGAACTAGACTATGATGAGGAGTCCCTGAGGAGCCAGCTCCTGCTGCCAGGAG
 GAGGAGGCTGAGAAGGCTGGGGCTGAGGAGGAGGAGAGAAGGGGAAGGGGCTCCCGAGAGGAAGGGA
 AGCCTGATGTTCAAAGTGTGGGAGAACAAGAACCACAGAAGCTGCCAAGGAGAAGAAGAAAGAGGATGA
 CGACGGGAGATCGATGATGGCGAGATAGACGATGATGACTTGGAGGAAGCGAGGTGAAGGACCCAGT
 GACCGAAAGGTGAGGCCTCGCCCCACTGCCGATTCTTCATGAAAGGAACTGCACGTGGGAATGAGCT
 GTAGGTTTATCCACCCTGGAGTGAATGACAAAGGCAACTACTCCCTCATACCAAAGCGGAACCTTTTCC
 ACCCAACGGTGCCCCGCCTTTGGACCTCACCCACTGATGCCTGCCAACCTTGGGGTGGGCCAGTGGTT
 GATGAAATTTTGCCTCCACCCCTCCAGAGCCCCAACAGAGAGCGCCTGGGAACGTGGACTCCGACATG
 CAAAAGAGGTTTTAAAAAAGCAACCATTCGGAAGAGCAGGAGCCGACTTTGAAGAAAAAGGTTTAC
 AGTAACCATTTGGTGAAGACGACCGGGAGTTTGACAAGGAGAATGAAGTCTCCGAGATTGGAATTCGA
 GTCCCCGAGAGATGTCAGAGACACAACACTTGAGCCTTATGCAGACCCTTATTATGACTATGAGATAGA
 GGTTTTGGCGTGGTGGACAGTACGAGAATTTGAGGTGCAGTATACAGAAGCAGAACCCTATCATAACTA
 TCGCGAACGAGAGAGGGAACGAGAGCGAGAAAACAGACAACGAGAACCGAGCGGGAACGAGAGCGTGA
 CGAGAGCGGGAGCGCAGGAGAGAGAGCGGGAGCGAGAACGGAACGAGAGCGGGACAAGGAGCGGCAGC
 GGAGGAAAGAGGAGTGGGAGAGAGAGAGGCAAGCGAGACGAGAAGGACCGGCAACACCGAGACCGAGA
 CAGGGACAAGGACCGGGAGAAGGACAAGGAGAAGCCGAAGCCAGGTCCCCACAGCCACCGAGCCGTCAA
 GCTGAACCACCAAGAAGGAGAGCACCTCTGTGGGGCCCCAGGTGAAGCGAGCCGATGAGTGAAGGACC
 CCTGGCGCGATCCAAGTCTCCCAAGAAGAAGCTTGGCGTGTCCGTCTCCCAAGCCGGGCAGGAAGACG
 TCGAAAAACCTCCGCCTCTCAGCCTCTGCTTCCAATTCCTCCAGGTATCGTCACGGTCTTCATCTAC
 TCTGGCTCTGGCTCGTCCGCTCCGCTCCGCTCCTCCTCTACAGCTCTATTCTAGCCGCTCTTCCA
 GACACAGTCTGTTCTCAGGCAGCCGATCCAGGTCCCGGTCTTCTCCTCGTCCCCATCCCGTCTCCAC
 ACCTTCCCCACACAGACCTCCAGTCAGAACCAAGGGGAGCCGGCCCCACCTCCTGGGAAAGCAGGGGAG
 AAGTCAATAAAGAAGCCAGCCCCCCCCAGCCCCACACAGGCCACAAAACACTACTGCTCCTGGTCTCTG
 AGCCTGCCAAACCTGGAGATCTCCGAGAAGCCAGGAGAAAGGAGCGGCAAAACAGGACTCCCCAAGGAG
 GCGGACGCTCAGCGGCAGTGGTAGCGGCAGTGGTAGCAGCTACAGTGGTCCAGTTCCCGATCCAGGTCT
 CTGAGTGTGAGCAGCCTTCTCAGTGTCCAGCGCCACCTCGAGTAGCAGCTCAGTGCACAGTGTGGACT
 CAGATGACATGTATGCAGACCTGGCCAGTCTGTGCTCAGCCAGCTCTCGATCCCCAACTCCTGCCCA
 GACCAAGAAGGAGAGAGGGAAAATCCAAGAAAGAAGACGGAGTGAAGAGGAAAAGCGGAGGCGGGACCCA
 TCCGCGCAGCCGCCAAGTCTCTAAAGCTCCAGCGGTGGGAAGGCCTCCAGCAGGCAGCGGCGCCTC
 AGCCGGCGGTCCCGGGCAGCCCCAACAGGGCTCCTTTGTTGCCACAAGGAGATAAAGTGTGACTGCT
 GAACAAGGCGGCTGATAAAGGAAGCCGGAAGCGCTATGAGCCATCAGACAAGGACCGGCAGAGCCCTCCT
 GCCAAGAAGGCCAATTGTCCCCAGACCAGGTTCTCGAGACCGGAAATCAGGTGGAAGAATGGGCTCCC
 CAAAACAGAGAGGCAGAGAGGCCAGAACGCTAAAGCTCCTGCTGCCACAGCGGACAGGAAGCGTCCACT
 GTCACCCAGTCTAAGGGCTCCAGCAAGGTCACCAGCGTGCCTGGCAAAGCCACAGATACTGCCACAGCA
 GGCACCAAGTCAAGGGAAGGCCAGCACATTGTACGGCGAGAGGAGCTCCTTAAACAGCTCAAAGCGGTTG
 AGGACGCCATCGCTCGAAAGCGGCCAAGATCCCCGGAAAGTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

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|------------------------|---|
| ACCN: | NM_001029994 |
| Insert Size: | 2847 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: | <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: | <u>NM_001029994.1</u> , <u>NP_001025165.1</u> |
| RefSeq Size: | 3742 bp |
| RefSeq ORF: | 2847 bp |
| Locus ID: | 76014 |
| UniProt ID: | <u>Q0P678</u> |
| Cytogenetics: | 8 E1 |