

Product datasheet for **MC222912**

Zc3h18 (NM_001029993) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h18 (NM_001029993) 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: >MC222912 representing NM_001029993
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATGTGGCCGAGAGCCCTGAACTGGATCCTCACTCCCAGAGGATGAAGAGCAGCCGGCACTCTCAG
 ATGATGACATTCTAAGAGAAAGTGGATCTGAACAAGATTTGGATGGAGCTGGGAAAGGGCGTCTGATTT
 GGAGGAGGAGGAAAATGCAACCAGGGTACAAGCCAGGAGGAGACTCGCTCGGATGAGGAAGACCGAGCC
 AGTGAGCCCAAGTCCAAGATCAGGACTCAGAGGCTCATGAGCTGAGCAGGGGCCAGCGGGATCCCCAT
 GCGAGGAGGGGATGATGTTGAGGAAGATGGGACAAGTGACCTCAGGACGAAGCCTCCTCGGTGACCCG
 GAACTGGATGAGCATGAACTAGACTATGATGAGGAGTCCCTGAGGAGCCAGCTCCTGCTGCCAGGAG
 GAGGAGGCTGAGAAGGCTGGGGCTGAGGAGGAGGAGAGAAGGGGAAGGGGCTCCCGAGAGGAAGGGA
 AGCCTGATGTTCAAAGTGTGGGAGAACAAGAACCACAGAAGCTGCCAAGGAGAAGAAGAAAGAGGATGA
 CGACGGGAGATCGATGATGGCGAGATAGACGATGATGACTTGGAGGAAGCGAGGTGAAGGACCCAGT
 GACCGAAAGGTGAGGCCCTCGCCCCACCTGCCGATTCCTCATGAAAGATGTTGTGACACCATTATCCACTC
 TTCTTCCACCAATACCAATTCCATACCACTCAGAGGCCAGGTTAAAGGAAACTGCACGTGGGGAATGAG
 CTGTAGGTTTATCCACCCTGGAGTGAATGACAAAGGCAACTACTCCCTCATCACCAAAGCGGAACCTTTT
 CCACCAAACGGTGCCTCCCTCTTGGACCTCACCCTGATGCCTGCCAACCTTGGGGTGGGCCAGTGG
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 TGCAAAAGAGGTTTTAAAAAAGCAACCATTGGAAAGAGCAGGAGCCGACTTTGAAGAAAAAGGTTCC
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 GAGTCCCGAGAGATGTCAGAGACACAACACTTGAACCTTATGCAGACCTTATTATGACTATGAGATAGA
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 TATCGGAACGAGAGAGGGAACGAGAGCGAGAAAACAGACAACGAGAACCGAGCGGGAACGAGAGCGTG
 ACCGAGAGCGGGAGCGCAGGAGAGAGAGCGGGAGCGAGAACGGGAACGAGAGCGGGACAAGGAGCGGCA
 GCGGAGGAAAGAGGAGTGGGAGAGAGAGAGCAAGCGAGAGAGGAGGACCGGCAACACCGAGACCGA
 GACAGGGACAAGGACCGGGAAGGACAAGGAGAAGCCGAAAGCCAGGTCCCCACAGCCACCGAGCCGTC
 AAGCTGAACCACCAAGAAGGAGAGCACCTCTGTGGGCCCCAGGTGAAGCGAGCCGATGAGTGAAGGA
 CCCCTGGCGCGATCCAAGTCTCCAAGAAGAAGCTTGGCGTGTCCGTCTCCCAAGCCGGGACCAAGA
 CGTCGAAAACCTCCGCCTCCTCAGCCTCTGCTCCAATTCCTCCAGGTATCGTACGGTCTTCATCCT
 ACTCTGGCTCTGGCTCGTCCCGCTCCCGCTCCCGCTCCTCCTACAGCTCCTATTCTAGCCGCTCTTC
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 AGAAGTCAATAAAGAAGCCAGCCCTCCCCAGCCCCACACAGGCCACCAAAACTACTGCTCCTGGTCC
 TGAGCCTGCCAAACCTGGAGATCTCCGAGAAGCCAGGAGAAAGGAGCGGCAAAACAGGACTCCCCAAGG
 AGGCGGACGCTCAGCGGCAGTGGTAGCGGCAGTGGTAGCAGCTACAGTGGCTCCAGTCCCGATCCAGGT
 CTCTGAGTGTGAGCAGCGTTTCTCAGTGTCCAGCGCCACCTCGAGTAGCAGCTCAGTGCACAGTGTGA
 CTCAGATGACATGTATGCAGACCTGGCCAGTCTGTGTCCTCAGCCAGCTCTCGATCCCCAACTCCTGCC
 CAGACCAAGAAGGAGAGAGGGAAAATCCAAGAAAGAAGACGGAGTGAGAGAGGAAAAGCGGAGCGGGACC
 CATCCGCGCAGCCGCCAAGTCTCTAAAGCTCCAGCGGGTGGGAAGGCCTCCCAGCAGGACGCGCGCC
 TCAGCCGGCGGTCCCGGGCAGCCCAACAGGGCTCCTTTGTTGCCACAAAGGAGATAAAGCTGACACTG
 CTGAACAAGGCGGCTGATAAAGGAAGCCGGAAGCGCTATGAGCCATCAGACAAGGACCGGACAGCCCTC
 CTGCCAAGAAGGCCAACTTGTCCCAGACCGAGGTTCTCGAGACCGGAAATCAGGTGGAAGAATGGGCTC
 CCCAAAACAGAGAGGACAGAGAGCCAGAACGCTAAAGCTCCTGCTGCCACGGACAGGAAGCGTCCA
 CTGTCACCCAGTCTAAGGGCTCCAGCAAGGTACCAGCGTGCCTGGCAAAGCCACAGATACTGCCACAG
 CAGGCACCAAGTCAAGGAAAGCCAGCACATTGTACGGCGAGAGGAGCTCCTTAAACAGCTCAAAGCGGT
 TGAGGACGCCATCGCTCGCAAGCGGGCCAAGATCCCCGGAAAGTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/ja1798_e05.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001029993
Insert Size:	2919 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	NM_001029993.1 , NP_001025164.1
RefSeq Size:	3814 bp
RefSeq ORF:	2919 bp
Locus ID:	76014
UniProt ID:	Q0P678
Cytogenetics:	8 E1