

Product datasheet for **MC224079**

Zc3h4 (NM_198631) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Zc3h4
Synonyms:	Bwq1; Gm768; Kiaal064-hp; mKIAA1064
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224079 representing NM_198631 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGCTGAGGGGAAGGGAAGATGGTGAGTTGGAAGAAGGTGAAGTGAAGACGACGGGGCTGAGGAGGTCC
AGGACCCCCCTGGAGGACAAGAGAGGAGTCGGAAGGAGAAGGGGGAGAAGCACACGCGACTCTGAGGA
GGAGAAGTCTCACCAGGAGGTGAAGCGGAAGCGGAAGGAGCGGGAGAAGGAAAAGAGCGCTCGAAG
AAAAGGCGGAAATCTAAGCACAACGCCATGCTTCCTCCAGCGATGACTTCTCGGACTTCTCAGATGACT
CAGATTTAGCCCCAGTGAGAAGAGTCACCGCAAGTACCGGACTATAGTCCCCCATACGCACCATCCCA
CCAGCAGTACTCCTCGTCACACAACGCCCTGCCAAGAAGTCTACTCCAAGATGGATAGCAAGGGC
TACAGCATGTATGAGGACTACGAGAATGAGCAGTATGGGGAGTACGAGGGGATGAAGAGGAGGACATGG
GTAAGGAAGACTATGACGACTTCACCAAAGAACTGAACCAAGTACCGCGTGCCAAGGAGGGCAGCAGCCG
GGGCAGAGGTAGCCGAGGCCGAGGCAGGGGCTACAGGGGCCGTGGGAGTCGAGGAGGATCTCGAGGCCGA
GGCATGGGCAGGGCAGCAGAGGCCGAGGCCGAGGCTCCATGGGAGAGCACCCAGAGGACGAAGAGGACT
TGTATGAAGAGGAGATAGAGTATGGAGAAAGTGAAGAGCCCATGGGAGACGATGATTACGATGACTATTC
CAAGGAGCTGAACCAAGTACCGAGGTCCAAGGACAGCCGAGGTGAGGGTTGAGTCGAGGCCGAGGCCGC
GGTCCCCGAGGAGGCCGAGGGAAGGGGATGGGCCGGGCAGAGGTCGAGGCGGCAGAGGTGGAATGAGCA
AGGGCGGAATGAATGATGACGAGGACTTCTACGATGATGACATGGGTGACGGTGGTGGCGGAAGCTACCG
GCGGAGTGATCATGACAAGCCCCACCAGCAGTCTGACAAGAAAGGCAAAGTCATCTGCAAACTTTGTG
GAGGGACGATGCACTTGGGAGACCACTGCAATTTAGCCACGACATTGAGCTACCGAAGAAGCGAGAGT
TGTGCAAAATTTACATCACGGGGTTCTGTGCTCGTGTGAGAACTGCCCTACATGCATGGTGACTTTCC
GTGTAAATTATACCACCACTGGGAAGTGCATCAATGGTGACGACTGCATGTTCTCCATGACCCGCTG
ACAGAAGAGACACGAGAGCTCTAGATAAGATGTTGGCTGATGATGCAGAAGCAGGCGCTGAGGACGAGA
AGGAGGTAGAGGAGCTGAAGAAGCAGGGCATCAACCTTTGCCAAGCCACCTCCTGGTGTAGGGCTCCT
GCTACTCTCCACGGCCCCCTGGGCTCCAGCCCCACCTCTCCTAATGGCAGGCCCATGCAAGGTGGC
CCTCTCCACCACCACCTCCTCCACCCTCTGGACCTCCTCAGATGTCCTGCCAACACATGAGC



CACTGTCTCCACAACAGTTACAGCAGGACATGTACAACAAGAAGATCCCCTCTTTGTTTGAGATTGTGGT
GCGGCCACGGGGCAGCTAGCTGAGAAGCTGGGCGTGAGGTTCCCTGGACCTGGTGGACCTCGGGGCCA
ATGGGTCCTGGCCCCAACATGGGACCCCGAGGCCAATGGGGGACCCATGCATCCTGACATGCACCTG
ACATGCACCCAGACATGCACCCGACATGCACCTGACATGCACCCGACATGCACCCGACATGCACCC
TGACATGCATCCTGACATGCCAATGGGTCCTGGCATGAACCTGGCCCTCCCATGGGTCCTGGTGGCCCC
CCAATGATGCCCTATGGTCCTGGAGACTCCCCACATTCTGGAATGATGCCTCCTATCCCGCCAGCCAGA
ACTTCTATGAGAACTTCTACCCGACAGCAAGAGGGCATGGAATGGAGCCTGGTCTTGTGGAGATGCAGA
GGACTACGGGCACTACGAAGAGCTGCCGGGCGAGCCTGGGGAGCCCTCTTCCCTGAGCACCTCTGGAG
CCTGACAGCTTCCCGAGGGAGGGCCCCAGGCCGGCCGAAGGCAGGCGCCGGTGTACCCGACTTCTTGC
CCTCGGCTCAGAGGGCCCTGTACCTGAGGATCCAGCAGAAGCAGCAGGAGGAGAGAGAGCAGGAGGCT
GGCTGAGAGCAGCAAGCAGGACCGGAGAATGAGGAAGGTGACACTGGAACTGGTACTCAAGTGATGAG
GATGAAGGGGAAGCAGTGTCACATCCATCCTGAAGACCTTGAGGCAACAGACGTCAAGCCGACCCGAGG
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TCGGCTGTCTGACCCCGCCTCAGCCGGGACCCAGACTCAGCCGCCATGCAGAGACTTCAGGAGGGTCT
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GCCTTCATTCCAGCCCTCAGGCCCGCAGAGTTCAAAAGGACAGCCCTGAGAGAGGAGGAAGGGGA
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CGCTCTCAGCTGCAACAGTTTACGCCACATCAAGAAGGATGTGACCTGAGCAAGCCGAGCTTTGCTCGCA
CAGTGCTCTGGAACCTGAAGACCTGATCCCCTGCCATCCCCAAGCAGGAGCTGCCCCAGTGCTGC
TGCCCTGCACTCCCTACCTGCTCTAGATCCTAGGCTACACCGTTCCACACCCCTGGGCTCCAAACACC
CGGCAGCGTCCAGGCTCCACAGATCCAGCACCTCTGGCTCTAACCTACCTGACTTTGAACTCCTCTCTC
GAATCCTCAAGACCGTCAATGTCAATACCCCTGGTCAGAGTAAAAGCCAGTGATCCGAGGGTGCAGAA
GACCCCTACTGACCCAGATTACAGAAGCCAGCAGATCCTGTGGCAGCCTCCCGTGCAGCAAGCCCTGT
CCCACTGAAGCATCGCCTCCTGCTGCCAGCCAAAGCGGGATTATCCCAACCGGCCACGGCTCCCTATG
ACCCCGAGTGCTGGCTGCTGGTGGCTTGGGCCAGGGCAGCAGCAGCGGCAGAGCAGTGCTGAGTGG
TATCAGCTTATATGACCAAGGACTCCCAATGCAGGTGGCAAACTGCAGAGCCAGCTTCTGACACAAGT
GCTCAGCCCAAGGTCCTGAGGGCAATGGCAAGGGCTCAGCTCCAAGGCAAAAGAGCCTCCGTTTGTCC
GAAAGTCTGCCCTGGAGCAGCCAGAGCAGGGAAGGCCAGCACAGATGGGGCCACAGCCACGGACAGATA
CAATAGCTACAACCGGCCCGGCCAAGGCCACAGCAGCCCCACTGCTGCCTCATCCACCCGCCCCCT
GAGGGGGCCACACCCAGCCTGGGGTACACAACCTGCCAGTGCCCACTCTCTTTGGGACTGTAAAGCCGG
CCCCAAAACAGGCACAGGGAGCCCTTTGCTGGCAACAGCCCTGCCCGTGAGGGTGAGCAGGATGCAGG
ATCCCTGAAGGACGTTTTTAAAGGCTTTGACCCACAGCCTCCCCCTTCTGCCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_198631

Insert Size:

3768 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_198631.2</u> , <u>NP_941033.2</u>
RefSeq Size:	6107 bp
RefSeq ORF:	3768 bp
Locus ID:	330474
UniProt ID:	<u>Q6ZPZ3</u>
Cytogenetics:	7 9.03 cM