

Product datasheet for **MC202631**

Zc4h2 (NM_001003916) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc4h2 (NM_001003916) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zc4h2
Synonyms:	Gm372; mKIAA1166
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC079862 sequence for NM_001003916
 AGCCCTTACCACACAGGCTCAAAGCCACAAACCAGTAGGAGGTGGCTGTATTGTATCTATTGTATGCCTT
 GGCTGGTGCATTTTTTTTTTAAACAATTCCTGGACGTGAAATTGAGAGTGAAAAGCATGGCAGATGAA
 CAAGAAATCATGTGCAAATTGGAAGCATTAAAGAGATCAGGAACAAGACTCTGCAGATGGAAAAGATCA
 AGGCCCGTTTGAAGGCTGAGTTCGAGGCTCTGGAGTCTGAAGAGAGGCACCTGAAAGAATACAAACAGGA
 GATGGATCTCCTGCTACAGGAGAAGATGGCCCATGTGGAGGAACCCGACTCATCCATGCTGATATCAAT
 GTGATGGAAAACACCATTAAACAGTCTGAAAATGACTTAAACAAGCTGCTGGAGTCAACCCGGAGGCTTC
 ATGATGAGTATAAACCACTGAAAGAACACGTGGATGCCCTGCGCATGACATTGGGCCTGCAAAGGCTTCC
 TGACCTGTGTGAAGAGGAAGAGAAACTCTCCTTGATTACTTTGAGAAGCAGAAAGCAGAATGGCAGACT
 GAACCTCAAGAACCCCCATACCTGAATCCCTTGTGCTGCAGCTGCTGCTCAACAACCTCCAGGTGG
 CCAGGAAGCAGGACACAAGGCAGACAGCCACCTTCAGGCAGCAGCCTCCACCTATGAAGGCTGTTTGT
 ATGTCACCAACAGATTTCGAAATGCACCTATATGCCCTCTTTGCAAAGCCAAGAGTCGGTCACGGAAC
 CCCAAAAAGCCAAAACGGAAGCAAGATGAATGAAGAGAAGGTGGAGGGATAGACCTCTGTTGGTCGTA
 GCCTCTCTTTGGTCAGAGTGATAGATGTTCTGATTTTTTTTTAATATCCCTTCTTATCCCTACTGAGTC
 TTCTATTTAATTTGCTGGAAGAATAACCCCTTCTCCTTGCTCTTATTTCTTCTGCTCTTGAAGTTGT
 GGTTTAAGACCAGCTGTGCTTTGGGTGCTAATCACTGGGACTCATGACCCCTTCTCCTAGTCACATTT
 CTCTTACTGCCCCAGTTTGAACCTGAATGAGGGGGTAAAAGGCCCTAGTTGATACTTTCTTTTGTTCCTG
 AGGACTGGAGTCTAATGAGCTGTAGGGTGTAAAGACTGGAGGAGCTCCATGCCTTGCTTTGGAAAAGGC
 TTCAGTGATTTCCCTTCCCTCTGTTTTGCTTGGGTTCTGCAGGGACAACACTTTATTTTTGCTGTACT
 TCCTAATGGGCTGATGCATATATCTTTCTCAATATTCAGGTATCATTAAATCTAGGGTAACCTTAGAC
 AAGTGTTCCTTTATATAAAATGTGAGGCCCTGGTGTATTCTATAGTCCACTCAAGTCTTCCAGTTA
 TACTGAAGTCTTACATACCAGACAGGGCATCTCAGAATCGCAAGATCTGTGGATCTTTCTCCATACTT
 GTATTATTTGCAAATCAGTAGACATTTCTACTGTGAAATTAGGGACCAAGACCCATGCCACAAGAGTCA
 CCTAGTTCACTGCCTAAAATACTGGGTCTTATTGCTGTGGTATAGGAATTGCTTAGACTGAGGAACCCCT
 AAGTGAACTTTAACTTTGAATTTGTTCAAACCCATTACCTGATCAGTGGTCTATCATTCTGAGGATAGA
 AAGGGACATAGTGTATATGAATGCCAATCATTTTATACATGTAAGTAGGTAGGACTTTTCTTTCTAT
 TCTTTCTCCTTTTGTCTTTTATGAGGTAGCGTCAGTTAAGGACAGTTGGTCACTCCTTTTCTGTGGGT
 ATGTAGGTGACCTTTCTCCACAAATAAAAGACACTTAAGCTCTCCATGCCCCACATCTCATTCTTTTAT
 CAAAGGTAAGCCTCCTAGTCATGTCTTAGATCTACAGGCTGAAATCTAGAGCTGACTGATGAAAAAGAT
 TAGCTCCAGGACTCTATCCCTGCCAGGGGAGAAGAGGGAGCTATTTATCCTATTTTTCTTTAACTTTTGT
 TTTATGTTAACATATTATATCTTCAAACATCAATGATTCCTCTGCCTTTTGAAGTAAAAGTGTATGA
 TATGATTTCAATAATCCTTTTAAATAAATGTTCAATTTGTTGAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_001003916

Insert Size: 675 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: [BC079862](#), [AAH79862](#)

RefSeq Size: 2168 bp

RefSeq ORF: 675 bp

Locus ID: 245522

UniProt ID: [Q68FG0](#)

Cytogenetics: X C3

Gene Summary: Plays a role in interneurons differentiation. Involved in neuronal development and in neuromuscular junction formation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longest isoform (1).