

Product datasheet for **RN209438**

Zc2hc1c (NM_001014079) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc2hc1c (NM_001014079) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zc2hc1c
Synonyms:	Fam164c; RGD1307122
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209438 representing NM_001014079
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGGTCTCCAGTTGGCTCCACATCTGCCTGTGGCGTTATGTTCCACATAATAAAACAGAAGCTC
ATGGGCTCCACTCCGCTAAGCACGACCCTTACGAACAAAGTGACTCTCCCAGCGGTCTCGATGGGACA
CTTGAGGACTAGTTTCCAGCAGAAGCTTTGGAGCAACACAGAGCTGGAACAAGAGGATGTCATCTCCACC
CACCCCAAAGGAACATCTGCACGAAAGCCGGAGGCACTCTGTCCCCACAGTGCAGGAATCAGCCAGC
AAGGCTCAGGAAACAATGCCAGGGCCAAGGAAAGGTTTGTCTTACTTGTCTAGCCGACACCCCGGTA
TCCCAAAGCAAATGACCAGGACTTCATTCCATTTAGGAAGAAACGAGTTGGCGTGGATCGGGCATAACCA
CTGAAACCCATGGTCCACCGAAGTCACATAGTACAAGTAAAACAGGCATTGACGGGGACCAGAATGGCT
ACCCAAGGCTCCCTGACTCGAGCGAGTTTTCGGACAGCAGCTTTGGGTTAAGGAGCTGGGTGAATCCCTC
TCTCCTTGCTTCCCGCAGGCAGAGAAGGTCATGGCACAGCTCCATAGGACAGAGTGACACAGATCCAA
AGGCTAGAAGCTGCAGGCGAGAGTTTACAGAAGGAAATCCGAAGAAAGGAGATTCTCTACGAGAAAAGC
TAAAGAAGACAGAGGAGGGTCTTTCGAAGGATTCAGAGGAAAAGAAACAGGCCATTTTCCAGGAAGACAG
GGAGCTACAAAGGATGGTATTACCTAGGAGGCGGGTTAGAGATGGTGACCTCGACACCACACAACTCC
TGCTTATCCCCAGAGTTGAGGTCAGGTTGTTCCAGTAGAAAACAGGGGAGAGGATCAAACGTGTGAACAGG
CTCAGGAAAACCTAGTCCACTCCAGCTCTCTGATTATGAAAATCCAGAGGCTCAAAGGGAAAGGCTGAT
GGTAAGTAACAATAAAATCCGAGACAGAGACTCAGGACCGTCAGCAGGCACGTTCTCTCAACCTGCAGAG
GATCTGGGCGATGAAGTGCAGGCATCGAGTTTGTCCGGAACACCAGGGTCTCAGGGTCCAGCTCCCTCCA
CAGAAGCAAGAGTTGGCAAATGCAGCCACTGTGGACGCTCGTTTCTTCCCTCAGGTCGACAGAGC
CTCCACCGTTTGTGGCAAGATGCAGGGTTCCAAAAGAAAAGTGTGTTGACTCCTCCAGGGCCCGGGCGAAG
GGCACAGAACTAGAGCAGTACTTGAAGTGGAGGGGCCAGCCACAGACAAGGCTGAGCCTCCTCCTCGGA
AGAGCACCTGGAGACAGAAGCACGAGTCTTTTATCCGTACCCTCCGGCATGCACGACAAGTCCAGCAGGT
AATCGCCAGAGGTGGCAATCCCTCAGACCTGCCTTCCATCTTGCTGCAGAAAACCCAGACTACGTGCAG
TGTCTCATTGCAGCCGCCACTTTGCTCCCAAGGTGGCTGAACGCCATATACCTAAGTGAAGACCATCA
AGAACCGTCTCCACCTCAAGGAGGCATGACAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001014079

Insert Size: 1578 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_001014079.1](#), [NP_001014101.1](#)

RefSeq Size: 2004 bp

RefSeq ORF: 1578 bp

Locus ID: 314321

UniProt ID: [Q6AYP4](#)

Cytogenetics: 6q31