

Product datasheet for **MC218478**

Zc3h14 (NM_001160107) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h14 (NM_001160107) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zc3h14
Synonyms:	1010001P15Rik; 1700016A15Rik; 2700069A02Rik; AU014748
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218478 representing NM_001160107
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAATCGGCACCGAGATCAGCCGAAGATCCGGAGTGCCATTAAGGGGAAATTACAAGAATTAGGAG
 CTTACGTAGATGAAGAACTTCTGATTACATTATGGTGATGGTGGCCAACAAGAAAAGTCAGGACCAAAT
 GACAGAGGACCTGTCCCTGTTTCTAGGGAAACAACAATTCGATTCACCGTATGGCTCCATGGTGTATTA
 GATAAACTGCGCTCTGTACGACTGAGCCCTCTAGTCTAAAGTCTCTGACGCCAGCATCTTCGATAGTC
 ACGTGCCTTCAAACAAGAGCAGTTTCAGTCGGGGAGATGAGAGAAGGCACGAAGCTGCCGTCCTCCCT
 TGCTGTTTCTAGTCTAGACCTGAAAAGAGGGATTCCAGAGTTTCTACAAGTTCACAGGAGCAGAAATCC
 ACTAATGTCAGACATTCATATGATGATGGAGCTCCACCCGGCTAATGTCAACAGTGAAACCTCTGAGGG
 AACCAGCACCCCTCTGAAGATGTGATTGATATCAAGCCAGAACCAGATGATCTCATTGATGAAGACCTCAA
 TTTTGTGCAGGAGAATCCCTTATCTCAGAAAAACCTACAGTGACACTTACATACGGTTCCTCTCGCCCT
 TCTATTGAAATTTATCGACCACCTGCAAGTAGAAATGCAGACACTGGTACTCACTTAAACAGGCTGCAAC
 TTCATCCGCAGCAAAGCAGTGCTCACGCTGCCAAGCAGCTGGATGTACAAGCAGCCAGGTATCCGAAGC
 AGGACGGTTGTGTGAGCCACCAGTGCTTAGCAGCGTAGAAGACACTTATAGCCCCCTTCTTCAGAAACAAC
 TTGGATAAAATGAGTATTGAGGACGAAAACCTTCGAAAGAGAAAATTGCCTGTGGTAAGTTTCGGTTGTTA
 AAGTAAAAAGATTTAGCCATGATGGAGAAGAGGAGGAAGAAGATGAGGATTATGGGACCCGCATAGGAAG
 CTTGTCCAGCAGCGTGTCACTACCAGCAAAGCCTGAGAGGAGACCTTCTCTTCCACCTTCTAAACAAGCT
 AACAAGAATCTAATTTGAAGGCTATCTCTGAAGCTCAAGAGTCTGTAACAAGACAACCTAATCTCTG
 CAGTCCACAGAAAACAGACACTTCCAGTTGCTCCAGAACTCGAACTTCTCAAGAAGAATTGCTAGCAGA
 AATGGTCCAGGGCAAAAACAGGGCCCCAGAATAAGTCCCCTGTTAAAGAAGAGGAAGCAAAGGAGAT
 AATACAGGAAAAAGTCAAGCCGAGATGACTGACCTGAGTGTGGCAGAAAACAGAAAAACTTCTGGAGC
 GCTGCAAGTACTGGCCTGCCTGTAAAAATGGGGATGAGTGTGTATACCATCATCCCATTTACCTTGCAA
 AGCCTTTCCCACTGTAAATTTGCTGAGAAATGTTTGTGTCATCCAAATTGTAATATGACACAAAAG
 TGTAATAAGCAGATTGTCCCTCACTCACATGAGTAGAAGAGCCTCGATACTGACTCCAAAACAGTGT
 CGTCACCAGCACCGTCTTCTAATGGCCAGCTCTGCCGTTACTTCCCTGCTGTGAAGAAAATGGAATGTCC
 CTTCTACCACCCAAAACACTGTAGGTTTAACTACTAGTGTACGAGACCTGACTGCACATTTTATCACCCC
 ACCATTACTGTGCCACCAAGACACGCCTTGAAATGGATTGACCTCAGAGCAGTGA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001160107
- Insert Size:** 1740 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_001160107.1](#), [NP_001153579.1](#)

RefSeq Size: 3088 bp

RefSeq ORF: 1740 bp

Locus ID: 75553

UniProt ID: [Q8BJ05](#)

Cytogenetics: 12 E

Gene Summary: Involved in poly(A) tail length control in neuronal cells. Binds the polyadenosine RNA oligonucleotides.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) lacks three alternate exons in the central coding region, compared to variant 1. The resulting isoform (c) lacks an internal segment, compared to isoform a.