

Product datasheet for **MC221180**

Zc3h14 (NM_029334) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h14 (NM_029334) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zc3h14
Synonyms:	1010001P15Rik; 1700016A15Rik; 2700069A02Rik; AU014748
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221180 representing NM_029334
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAATCGGCACCGAGATCAGCCGAAGATCCGGAGTGCCATTAAGGGGAAATTACAAGAATTAGGAG
 CTTACGTAGATGAAGAACTTCTGATTACATTATGGTGATGGTGGCCAACAAGAAAAGTCAGGACCAAAT
 GACAGAGGACCTGTCCCTGTTTCTAGGGAAACAACAATTCGATTCACCGTATGGCTCCATGGTGTATTA
 GATAAACTGCGCTCTGTACGACTGAGCCCTCTAGTCTAAAGTCTCCTGACGCCAGCATCTTCGATAGTC
 ACGTGCCTTCAAACAAGAGCAGTTTCAGTCGGGGAGATGAGAGAAGGCACGAAGCTGCCGTCCTCCCT
 TGCTGTTTCTAGTCTAGACCTGAAAAGAGGGATTCCAGAGTTTCTACAAGTTCACAGGAGCAGAAATCC
 ACTAATGTCAGACATTCATATGATGATGGAGCTCCACCCGGCTAATGTCAACAGTGAAACCTCTGAGGG
 AACCAGCACCCCTCTGAAGATGTGATTGATATCAAGCCAGAACCAGATGATCTCATTGATGAAGACCTCAA
 TTTTGTGCAGGAGAATCCCTTATCTCAGAAAAACCTACAGTGACACTTACATACGGTTCCTCTCGCCCT
 TCTATTGAAATTTATCGACCACCTGCAAGTAGAAATGCAGACACTGGTACTCACTTAAACAGGCTGCAAC
 TTCATCCGCAGCAAAGCAGTGCTCACGCTGCCAAGCAGCTGGATGTACAAGCAGCCAGGTATCCGAAGC
 AGGACGGTTGTGTGAGCCACCACTGCTTAGCAGCGTAGAAGACACTTATAGCCCCCTTCTTCAGAAACAAC
 TTGGATAAAATGAGTATTGAGGACGAAAACCTTCGAAAGAGAAAATTGCCTGTGGTAAGTTCCGGTTGTTA
 AAGTAAAAAGATTTAGCCATGATGGAGAAGAGGAGGAAGAAGATGAGGATTATGGGACCCGCATAGGAAG
 CTTGTCCAGCAGCGTGTCACTACCAGCAAAGCCTGAGAGGAGACCTTCTCTCCACCTTCTAAACAAGCT
 AACAAGAATCTAATTTGAAGGCTATCTCTGAAGCTCAAGAGTCTGTAACAAGACAACCTAATCTCTG
 CAGTCCACAGAAAACAGACACTTCCAGTTGCTCCAGAACTCGAACTTCTCAAGAAGAATTGCTAGCAGA
 AATGGTCCAGGGCAAAAACAGGGCCCCAGAAATAGTCCCCCTGTTAAAGAAGAGGAAGCAAAGGAGAT
 AATACAGGAAAAAGTCAAGGAACTCAACAGAGGCAATTGTTATCCCGACTGCAAAATTGATCCAGTAAATGG
 TAGAAACAATGGAGATGAGTCAAGATTACTATGACATGGAATCCATGGTCCATGCAGACACAAGATCATT
 TATTCTGAAGAAGCCAAAGCTGTCTGAGGAAATAGTAGTGACACCCAACCAGGATTCGGGGATGAAGACT
 GCAGATGCCCTTCGGGTCTTTCAGGACACCTTATGCAGACACGAGATCTTGTACAACCAGATAAACCTG
 CAAGTCCCAAGTTTATAGTGACGCTGGATGGTGTCCCCAGCCCCCAGGATACATGTCAGATCAAGAGGA
 GGAGATGTGCTTTGAAGGAATGAAACCCGTAACCAAACCTCAGCCTCAAACAAGGGACTCAGAGGTCTC
 CTCACCCACAGCAGTTGCAATTTGCTGAGCAGGACGCTTGAAGACCCAGATGGTAGCTTTTCCAACGCCG
 AGATGACTGACCTGAGTGTGGCAGAGAAACCAGAAAACTTCTGGAGCGCTGCAAGTACTGGCCTGCCTG
 TAAAAATGGGGATGAGTGTGTATACCATCATCCCATTTACCTTGCAAAGCCTTTCCAACCTGTAATTT
 GCTGAGAAATGTTTGTGTTGTCATCCAATTTGTAATATGACACAAAGTGTACTAAAGCAGATTGTCCCT
 TCACTCACATGAGTAGAAGAGCCTCGATACTGACTCCAAAACCAAGTGTGTCACCAGCACCGTCTTCTAA
 TGGCCAGCTCTGCCGTTACTTCCCTGCTTGAAGAAAATGGAATGTCCCTTCTACCACCCAAAACACTGT
 AGGTTTAACTCAGTGTACGAGACCTGACTGCACATTTATACCCACCATTACTGTGCCACCAAGAC
 ACGCCTTGAATGGATTGACCTCAGAGCAGTGA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_029334

Insert Size: 2208 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:	<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:	<u>NM_029334.2</u> , <u>NP_083610.2</u>
RefSeq Size:	3556 bp
RefSeq ORF:	2208 bp
Locus ID:	75553
UniProt ID:	<u>Q8BJ05</u>
Cytogenetics:	12 E
Gene Summary:	<p>Involved in poly(A) tail length control in neuronal cells. Binds the polyadenosine RNA oligonucleotides.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p>