

## Product datasheet for **MC211656**

### Zc3h14 (NM\_001160108) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h14 (NM_001160108) 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)
Fully Sequenced ORF:	>MC211656 representing NM_001160108 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAAATGTCTTCAAGGTTTTTCATCACCATCTCTACCAGTTTTCTCTCACCAGAGCCAGCTGACTTAG  
GCTCTCTGACAAGTGCTTCTTGTCTACTAAATGAGCTGGGCAATATTTCTACCTTTTGAGGAAAATAGC  
AACTGATATCAATGAAAATGAAAGGAATGAAAGCAGCTATTTTGACAGTGGAAAGCAATCTTTTTGATTTG  
AATGTTAGAGTGTCCAGAACGAAGCAAAAATTTTCATCTTTAGAGTTAAAATGAATGAATATTTAACAT  
CAACATCTGAATGCAACAGACAGTTGGAAGATTTCAAGAGAGACTAGAATTTGAGTCACAGTCAGAGAC  
TACTGATGCAAACCTAATTGGCTTCCTAACAGAGGTTGAGAAAGGAACTCAACAGAGGCAATTGTTATCC  
CGACTGCAAATGATCCAGTAATGGTAGAAACAATGGAGATGAGTCAAGCCGAGATGACTGACCTGAGTG  
TGGCACAGAAACCAGAAAACTTCTGGAGCGCTGCAAGTACTGGCCTGCCTGTAAAAATGGGGATGAGTG  
TGTATACCATCATCCATTTTACCTTGCAAAGCCTTTCCCACTGTAATTTGCTGAGAAATGTTTGTTT  
GTGCATCCAAATGTAATATGACACAAAGTGTACTAAAGCAGATTGTCCTTCACTCACATGAGTAGAA  
GAGCCTCGATACTGACTCCAAAACAGTGTCTGACCAGCACCCTTCTAATGGCCAGCTCTGCCGTTA  
CTTCCCTGCTTGAAGAAAATGGAATGTCCCTTCTACCACCAAAACACTGTAGGTTTAACTACTAGTGT  
ACGAGACCTGACTGCACATTTTATACCCCAACCATTACTGTGCCACCAAGACACGCTTGAATGGATT  
GACCTCAGAGCAGTGAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1715\\_b09.zip](https://cdn.origene.com/chromatograms/ja1715_b09.zip)

Restriction Sites: Sgfl-Mlul



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ACCN:	NM_001160108
Insert Size:	930 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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<u><a href="#">NM_001160108.1</a></u> , <u><a href="#">NP_001153580.1</a></u>
RefSeq Size:	2357 bp
RefSeq ORF:	930 bp
Locus ID:	75553
UniProt ID:	<u><a href="#">Q8BJ05</a></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 (4) represents use of an alternate promoter and lacks two alternate exons in the central coding region, compared to variant 1. The resulting isoform (d) has a shorter and distinct N-terminus and lacks an internal segment, compared to isoform a.</p>