

## Product datasheet for **MR217782**

### Zc3h14 (NM\_001008506) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h14 (NM_001008506) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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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**ORF Nucleotide Sequence:**

>MR217782 representing NM\_001008506  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAATCGGCACCGAGATCAGCCGAAGATCCGGAGTCCATTAAAGGGAAATTACAAGAATTAGGAG  
 CTTACGTAGATGAAGAACTTCTGATTACATTATGGTGATGGTGGCCAACAAGAAAAGTCAGGACCAAAT  
 GACAGAGGACCTGTCCTGTTTCTAGGGAACAACAATTTCGATTCACCGTATGGCTCCATGGTGTATTA  
 GATAAACTGCGCTCTGTACGACTGAGCCCTCTAGTCTAAAGTCTCTGACGCCAGCATCTTCGATAGTC  
 ACGTGCCTTCAAACAAGAGCAGTTTCAGTCGGGGAGATGAGAGAAGGCACGAAGCTGCCGTCCTCCCT  
 TGCTGTTTCTAGTCTAGACCTGAAAAGAGGGATTCCAGAGTTTCTACAAGTTCACAGGAGCAGAAATCC  
 ACTAATGTCAGACATTCATATGATGATGGAGCTCCACCCGGCTAATGTCAACAGTGAAACCTCTGAGGG  
 AACCAGCACCTCTGAAGATGTGATTGATATCAAGCCAGAACCAGATGATCTCATTGATGAAGACCTCAA  
 TTTTGTGCAGGAGAATCCCTTATCTCAGAAAAACCTACAGTGACACTTACATACGGTTCCTCTCGCCCT  
 TCTATTGAAATTTATCGACCACCTGCAAGTAGAAATGCAGACACTGGTACTCACTTAAACAGGCTGCAAC  
 TTCATCCGCAGCAAAGCAGTGTCTCACGCTGCCAAGCAGCTGGATGTACAAGCAGCCAGGTATCCGAAGC  
 AGGACGGTTGTGTGAGCCACCACTGCTTAGCAGCGTAGAAGACACTTATAGCCCTTCTTCAGAAACAAC  
 TTGGATAAAATGAGTATTGAGGACGAAAACCTTCGAAAGAGAAAATTGCCTGTGGTAAGTTCCGGTTGTTA  
 AAGTAAAAAGATTTAGCCATGATGGAGAAGAGGAGGAAGAAGATGAGGATTATGGGACCCGCATAGGAAG  
 CTTGTCCAGCAGCGTGTCACTACCAGCAAAGCCTGAGAGGAGACCTTCTCTCCACCTTCTAAACAAGCT  
 AACAAGAATCTAATTTGAAGGCTATCTCTGAAGCTCAAGAGTCTGTAACAAGACAACACTAATTTCTG  
 CAGTCCACAGAAAACAGACACTTCCAGTTGCTCCAGAACTCGAACTTCTCAAGAAGAATTGCTAGCAGA  
 AATGGTCCAGGGCAAAAACAGGGCCCCAGAATAAGTCCCCTGTTAAAGAAGAGGAAGCAAAAGGAGAT  
 AATACAGGAAAAAGTCAAGGAACTCAACAGAGGCAATTGTTATCCCGACTGCAAAATGATCCAGTAAATGG  
 TAGAAACAATGGAGATGAGTCAAGCCGAGATGACTGACCTGAGTGTGGCACAGAAAACAGAAAACCTTCT  
 GGAGCGCTGCAAGTACTGGCCTGCCTGTAATAATGGGGATGAGTGTGTATACCATCATCCCATTTACCT  
 TGCAAAGCCTTCCCAACTGTAATTTGCTGAGAAATGTTTGTGTCATCAAATGTAATATGACA  
 CAAAGTGTACTAAAGCAGATTGTCCTTCACTCACATGAGTAGAAGAGCCTCGTACTGACTCCAAAACC  
 AGTGTGTCACCAGCACCGTCTTCTAATGGCCAGCTCTGCCGTTACTTCCCTGCTGTAAGAAAATGGAA  
 TGTCCTTCTACCACCAAAACACTGTAGGTTTAACTCACTGAGTACGAGACCTGACTGCACATTTATC  
 ACCCCACCATTAAGTGTGCCACCAAGACACGCCTTGAAATGGATTGACCTCAGAGCAGTGAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR217782 representing NM\_001008506  
 Red=Cloning site Green=Tags(s)

MEIGTEISRKIRSAIKGLQELGAYVDEELPDYIMVMVANKKSQDQMTEDLSLFLGNNTIRFTVWLHGVL  
 DKLRSVTTEPSSLSKSPDASIFDSHVPSNKSFSRGDERRHEAAVPPPLAVSSSRPEKRDSTVSTSSQEQKS  
 TNVRHSYDDGASTRLMSTVKPLREPAPSEDVIDIKPEPDDLIDEDLNQVQENPLSQKKPTVTLTYGSSRP  
 SIEIYRPPASRNADTGTHLNRLQLHPQQSSAHAAKQLDVQSSQVSEAGRLCEPPVLSVEDTYSPPFRNN  
 LDKMSIEDENFRKRKLPVSSVVKVRFVSHDGEDEDEDEYGTRIGSLSSSVVPAKPERPSLPPSKQA  
 NKNLILKAISEAQESVTKTTNYSVAVPQKQTLVAPRTRTSQEELLAEMVQGNRAPRISPPVKEEAKGD  
 NTGKSQGTQQRQLL SRLQIDPVMVETMEMSAEMTDLSVAQKPEKLLERCKYWPCKNGDECYVHHPISP  
 CKAFPNCFAEKCLFVHPNCKYDTKCTKADCPFTHMSRRASILTPKPVSSPAPSSNGQLCRYFPACKKME  
 CPFYHPKHCRFNTQCTRPDCTFYHPTITVPPRHALKWIRPQSE

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

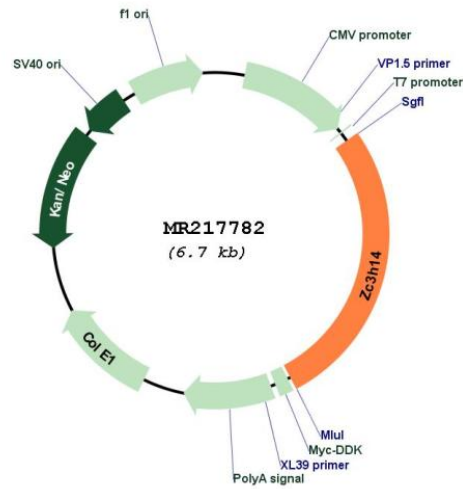
**Restriction Sites:**

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001008506

ORF Size: 1812 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<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>
<b>RefSeq:</b>	<a href="#">NM_001008506.2</a> , <a href="#">NP_001008506.2</a>
<b>RefSeq Size:</b>	3163 bp
<b>RefSeq ORF:</b>	1815 bp
<b>Locus ID:</b>	75553
<b>UniProt ID:</b>	<a href="#">Q8BJ05</a>
<b>Cytogenetics:</b>	12 E
<b>MW:</b>	68.3 kDa
<b>Gene Summary:</b>	Involved in poly(A) tail length control in neuronal cells. Binds the polyadenosine RNA oligonucleotides.[UniProtKB/Swiss-Prot Function]