

Product datasheet for **MR209075**

Zc3h14 (NM_001160107) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h14 (NM_001160107) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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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ORF Nucleotide Sequence:

>MR209075 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAATCGGCACCGAGATCAGCCGAAGATCCGGAGTGCCATTAAGGGGAAATTACAAGAATTAGGAG
 CTTACGTAGATGAAGAACTTCTGATTACATTATGGTGATGGTGGCCAACAAGAAAAGTCAGGACCAAAT
 GACAGAGGACCTGTCCTGTTTCTAGGGAAACAACAATTCGATTCACCGTATGGCTCCATGGTGTATTA
 GATAAACTGCGCTCTGTACGACTGAGCCCTCTAGTCTAAAGTCTCTGACGCCAGCATCTTCGATAGTC
 ACGTGCCTTCAAACAAGAGCAGTTTCAGTCGGGGAGATGAGAGAAGGCACGAAGCTGCCGTCCTCCCT
 TGCTGTTTCTAGTCTAGACCTGAAAAAGGGATTCCAGAGTTTCTACAAGTTCACAGGAGCAGAAATCC
 ACTAATGTCAGACATTCATATGATGATGGAGCTCCACCCGGCTAATGTCAACAGTGAAACCTCTGAGGG
 AACCAGCACCCCTCTGAAGATGTGATTGATATCAAGCCAGAACCAGATGATCTCATTGATGAAGACCTCAA
 TTTTGTGCAGGAGAATCCCTTATCTCAGAAAAACCTACAGTGACACTTACATATGGTTCTCTCGCCCT
 TCTATTGAAATTTATCGACCACCTGCAAGTAGAAATGCAGACACTGGTACTCACTTAAACAGGCTGCAAC
 TTCATCCGCAGCAAAGCAGTGCTCACGCTGCCAAGCAGCTGGATGTACAAGCAGCCAGGTATCCGAAGC
 AGGGCGGTTGTGTGAGCCACCAGTGCTTAGCAGCGTAGAAGACACTTATAGCCCTTCTTCAGAAACAAC
 TTGGATAAAATGAGTATTGAGGACGAAAACCTTCGAAAGAGAAAATTGCCTGTGGTAAGTTCCGGTTGTTA
 AAGTAAAAAGATTTAGCCATGATGGAGAAGAGGAGGAAGAAGATGAGGATTATGGGACCCGCATAGGAAG
 CTTGTCCAGCAGCGTGTCACTACCAGCAAAGCCTGAGAGGAGACCTTCTCTCCACCTTCTAAACAAGCT
 AACAAGAATCTAATTTGAAGGCTATCTCTGAAGCTCAAGAGTCTGTAACAAGACAACCTAACTATTCTG
 CAGTTCACAGAAAACAGACACTTCCAGTTGCTCCAGAACTCGAAGTCTCAAGAAGAATTGCTAGCAGA
 AATGGTCCAGGGCAAAAACAGGGCCCCAGAATAAGTCCCCTGTTAAAGAAGAGGAAGCAAAGGAGAT
 AATACAGGAAAAAGTCAAGCCGAGATGACTGACCTGAGTGTGGCAGAAAACAGAAAAACTTCTGGAGC
 GCTGCAAGTACTGGCCTGCCTGTAAAAATGGGGATGAGTGTGTATACCATCATCCCATTTACCTTGCAA
 AGCCTTCCCAACTGTAAATTTGCTGAGAAATGTTTGTGTGTCATCCAAATTGTAATATGACACAAAAG
 TGTAATAAGCAGATTGTCCCTCACTCACATGAGTAGAAGAGCCTCGATACTGACTCCAAAACAGTGT
 CGTACCAGCACCGTCTTCTAATGGCCAGCTCTGCCGTTACTTCCCTGCTGTGAAGAAAATGGAATGTCC
 CTTCTACCACCCAAAACACTGTAGGTTTAACTCACTAGTGTACGAGACCTGACTGCACATTTATCACCCC
 ACCATTACTGTCCACCAAGACACGCCTTGAAATGGATTGACCTCAGAGCAGTGAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209075 protein sequence
 Red=Cloning site Green=Tags(s)

MEIGTEISRKIRSAIKGKLQELGAYVDEELPDYIMVMVANKKSQDQMTEDLSLFLGNNTIRFTVWLHGVL
 DKLRVSTTEPSSLKSPDASIFDSHVPSNKSSF SRGDERRHEAAVPLAVSSSRPEKRDSRVSTSSQEQKS
 TNVRHSYDDGASTRLMSTVKPLREPAPSEDVIDIKPEPDDLIDEDLNFVQENPLSQKKPTVTLTYGSSRP
 SIEIYRPPASRNADTGTHLNRLQLHPQQSSAHAAKQLDVQSSQVSEAGRLCEPPVLSVEDTYSPPFRNN
 LDKMSIEDENFRKRKLPVVSSVVKVRF SHDGEEDDEDEDYGRIGSLSSSVSPAKPERRPSLPPSKQA
 NKNLILKAISEAQESVTKTTNYSVAVPQKQTLPVAPRTRTSQEELLAEMVQGNRAPRISPPVKEEEAKGD
 NTGKSQAEMTDL SVAQKPEKLLERCKYWPACKNGDECVYHHPISPCKAFPNCCKFAEKCLFVHPNCKYDTK
 CTKADCFPTHMSRRASILTPKPVSSPAPSSNGQLCRYFPACKKMECPFYHPKHCRFNTQCTRPDCTFYHP
 TITVPPRHALKWIRPQSSE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001160107

ORF Size: 1740 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

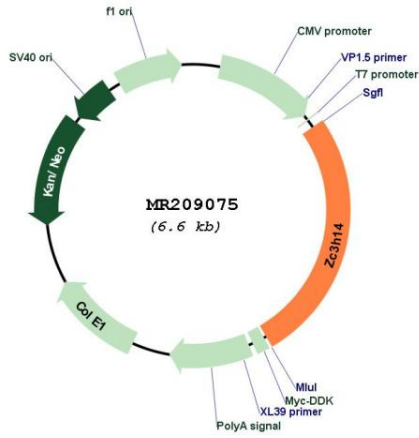
UniProt ID: [Q8BJ05](#)

Cytogenetics: 12 E

MW: 64.9 kDa

Gene Summary: Involved in poly(A) tail length control in neuronal cells. Binds the polyadenosine RNA oligonucleotides.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209075