

## Product datasheet for MR204059

### 1700011H14Rik (NM\_025956) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	1700011H14Rik (NM_025956) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	1700011H14Rik
Synonyms:	Ccdc198; RP24-142A23.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204059 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGCCCTGGGCCACTCCAAGGCTCACCTCGGGTGATCAAAGTCACACCTTTACAAAGCCAAGAAGCAG  
AGACACCCTCACTGGCCCTGTGTTCTTTGCATTGAATCGGAACCTGGAAGAAGAAAGCTCATTACAAG  
ACTGCAGGACCAGAGTCGAACTCGAGAAGGACAGCTACCACCGCTTCGAGAACTTGGTATGGAAGACTC  
CCGGCAGTATCCAGGGCCATGTATCTTGACATCCCACTGAAACATGAAGAAACAAGTATTATCAAAAGGC  
ATCCACCCGAAGAATTCAAAAGCTTGAACCCATTGACCTGCCACAAGCAATTACCTCTGAAAGGCTTCT  
GTGCCATCAAGAAGGCAGAACAAAGTCCAACACAAAGCAGGAAAATGAGAAGAAAATCACTTCCTATG  
TACACTTCTGGGAAAAGACAATATTTGCATAAGATGAAAATGCTAGAGATGAACCATAAAAGACAAGAGG  
CCCAATGGAGTTGAGGAAGAGTCTTCTGAGTAAGGCGATGCTTGATATGCAAAAGCTGAAGGACCATAA  
TGGCAATAAAATCGCCCAGAGCAAGCCAAGGAGCAACAGCTATGACATTCTCACCATACTGCCTAATGAA  
AACATAAACAGAGATCCAGGAAATCCCAAGATGAAGAATTCTTGGACTGTCACACAGAGAATGACTATT  
ATGTCCGAAAATTTGGCAAAATGGAAACATGGCTCCGTGAACAAGAAGCCCGGGGACAGCTTTTCTGGGA  
CAGTTCAGCTCCGACTCTGATGAGCTTGAGAAAGATGAGAGGAGACCACAAGCACTGGTGAGGACCAAG  
ACAGAGAAGATCCCTCTTTATGATGACTTTTATGGCAGTGCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR204059 protein sequence  
Red=Cloning site Green=Tags(s)

MGLGHSKAHPRVIKVTPLQSQEAETPSTGPVFFALNRNLEEESSFTRLQDQSRTREGQLPPLRETWYGR  
 PAVSRAMYLDIPLKHEETSIIKRHPRRRIQKLEPIDLPQAITSERLLCHQEGRTKSNTKQENEKKIQLPM  
 YTSGKRQYLHKMKMLEMNHKRQEAQMELRKSLLSKAMLDMQKLDHNGNKIAQSKPRSNSYDILTILPNE  
 NINRDPGNPQDEEFLDCHTENDYYVRKIGKMETWLREQEARGQLFWDSSSSDSDELEKDERRPQALVRTK  
 TEKIPLYDDFYGSA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_025956

**ORF Size:** 885 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\\_025956.3](#)

**RefSeq Size:** 1167 bp

**RefSeq ORF:** 885 bp

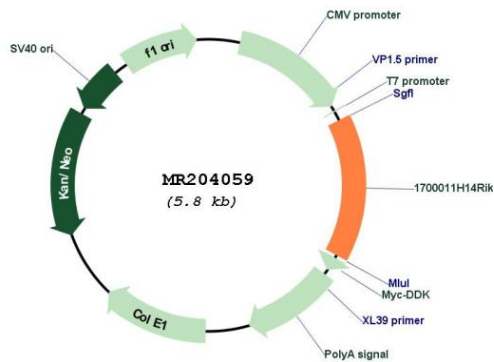
**Locus ID:** 67082

**UniProt ID:** [Q9CPZ1](#)

**Cytogenetics:** 14 C1

**MW:** 34.4 kDa

**Product images:**



Circular map for MR204059