

## Product datasheet for **MR206970**

### 1700010I14Rik (BC061078) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	1700010I14Rik (BC061078) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	1700010I14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206970 representing BC061078 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCTGAGGATCAGGAACCTGACTTTTACCTAAAGTGGAAAGCACTGTGAGAAACCGGGTGTAAAGACTC  
TAAGCAACTTAAGGAACTCCTGTCCCAACTCCAGGAGGACCACAGGAAGGACATCAGTGTGTACATTTCC  
AGGACACCTGAACCCAGGAAGCTCTACAAGCCACTGAGACCATTTCCAGCACTGGCGCAATTCCAAC  
AGGACATGGGAGAAACCCACCCACTCCACACCCACCATCCCCCGGCTCCAGAAACAAGAAGTATCAG  
AGATGAAGGACGCTTGGGTTCACTTTACAGTGAGCACAGCCCTGCATCCCGATGACACACACAACAGCC  
ACTGTTACAGTACCTGAACCCACGCGTACAGGCCCTCCCGTGCTCTCAAAGATGGTGCCTCCGCGGCTCTG  
CAGGAGGAGGAGAAGGAAGTGAAGGAAAGACTTGCATTTTCTCGGAAAAACACATGAAGGAAGAACTCA  
GGCTGCCTGAGATGAAAGTGCTCAGATACCCAGAGGTGGTATCCAGCCGCGCAGTGTCCAGGTCTGCCCC  
AGGCAGGGATGTGTACCGTTACATCAGCCCTACCTAGCTGGTATAACGAAAGCCGACAGCTACAAGAAG  
TTCCTGAGTTTCAAAGAGAAGTGTGGCAAAGGAAAGAAACCCTGAAGTATGACTTCACGGGGAGCAAGG  
TGGCTGTGGCCATGAGAACAGACTGAAGGAGGAGCTCCAGAAGATATGCACCTGCAACCCTCAGCAGTT  
CAACAGGTTGCAGGCTTTGGGAAATCTTTGAGGATATTTGCAACAGCTCTTTGATCTTTGGGGATCTA  
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ATCAGCGGCTCTTTGGCTGAAGTCAAGGGGTTGGAGAACAGCCCCAGGCCAGCTGTGACATTGACCAAGC  
CAAGGAGCACCTGAGGAAGTCCAGCAGGCTTATCTAGAAGCCTTGGAGCACAACGCAAACTCAGGAAT  
GAGCTGGAGGCTGAGAGCTTATTGCTGCAGTCTGCTAAGGAAAAAGCAGCTAATGGGAAAATGAAGGATG  
AGAAGGAACTGACTCTGGTCGAAAAGGTGGAGAAGAGGAGGTGTGAAATCTTTGAGAAATGGATGAGAT  
TAAAGCGCTTGAGAAACACATCAAAGAAAACATGGTGCCTCGGGAGTATTTAAGATCGCAGAGAGTGGC  
CTTAAAAGCATAGAGGATGAAGCCATAAAGTTGAAACATCAAACAGAATCT

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA



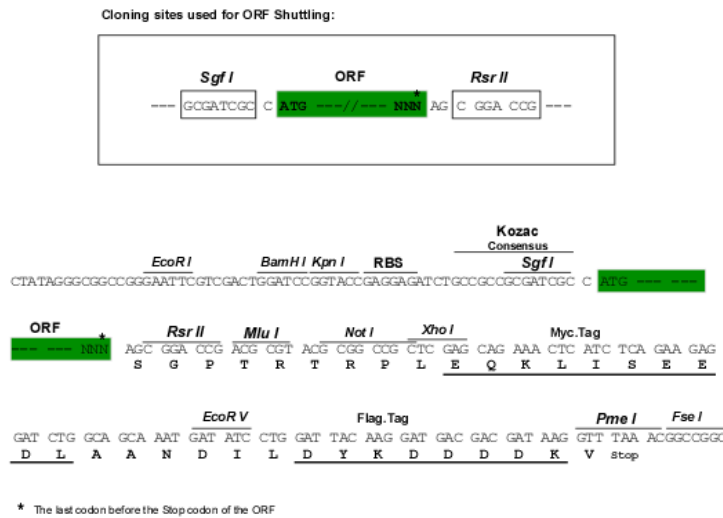
**Protein Sequence:** >MR206970 representing BC061078  
 Red=Cloning site Green=Tags(s)

MAEDQEPDFYLKWKHCEKPGVKTL SNLRKLLSQLQEDHRKDISVYISGHLNPRKLYKPPETIFQHWRNSN  
 RTWEKPTHSTPTIPPASRNKEVSEMKDAWVHFTVSTALHPDDHTNTPLFRYLNPRVQASRALKDGASAAL  
 QEEEKELKERLAFSREKHMKEELRLPEMKVLRYPEVSSRQCSRSAPGRDVYRYISPYLAGITKADSYKK  
 FLSFQREVLAKEETLKDYDFTGSKVAVAHENRLKEELQKICTCNPQQFNRLQVFGEIFEDICNSSLIFGDL  
 LKEIKDEYELYMAALLDSQPTAQYQRLLAEVRGLENSPRPSCDIDQAKEHLRKVQAYLEALEHNDKLRN  
 ELEAESLLLQSAKEKAANGMKMDEKELTLVEKVEKRRCEIFEKLEIKALEKHIKENMVHSGVFKIAESG  
 LKSIDEAIKLETSNRI

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-RsrII

**Cloning Scheme:**



**ACCN:** BC061078

**ORF Size:** 1311 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:** [BC061078.1](#)

**RefSeq Size:** 1356 bp

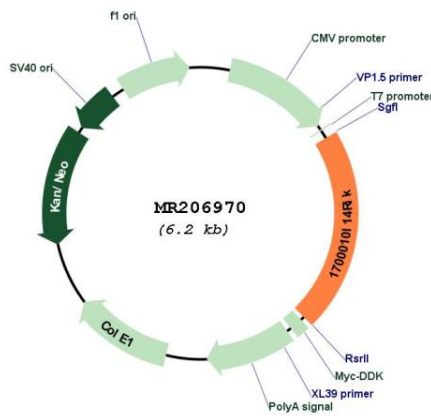
**RefSeq ORF:** 1313 bp

**Locus ID:** 66931

**Cytogenetics:** 17 A1

**MW:** 50.8 kDa

**Product images:**



Circular map for MR206970