

Product datasheet for **MR209983**

1200016B10Rik (BC055064) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	1200016B10Rik (BC055064) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	1200016B10Rik
Synonyms:	1200016B10Rik; C1orf26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>MR209983 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGCTGCTTTGTACTACCAAGCTTGAGACTGTTTATGACCATAAGTTTCTAAAGATGTCTA
TCAAAGAATCTTGTGCAAAGGAAGAAAAGTCTCAGAAAAACAGACTATCTCTTACCAACTTTTAAATGA
AGACAAGAAAAAGGGAGAAATCTCAGCAGGTTCTACTAGTTCAGAACATGGTGTTCAGCCTGTTTCAACC
AAGAAGAGAAAAGTAAAGCAGATGATACAGACAATGTAGACTATAATGCAAAACAGAAAAACAGTAAAA
GATTGAATGTAGAAGTTTTCATTCTAAAAAGAGACTAAAATTCAGTTCTTCGACCCAAGCGGTATCATA
TTTAAATAATAATCAAATGACTTCACACAGTTGTTTCATCAAATGGAAGTAAAGATACTAAAGTTAAAGAT
TGTAATTGACAAATATTGGAAGTAAGCTTAATTATGAAATTAAGAACCATAGCCGCATTAATAATACCA
AAGATATGAAATCTAAACCTGTAGACCAGACAAAGGAAAAAGAAATGGCCCTCTTTGCTTATTCAGAAGAA
GATGAAAGAACTCAAGAAAGAAAAAATAATAAGACAGTTCTGAAGAATTGGAGAAATGCAAGAAAAAT
CACCTTCTCAGAAATATAATTTAGCAATATGATCAAGGAATCATTGAAATCAGGAAGAAAGAAAGATTA
GCTTCAAAATTCAAAAAATCCTCTACTACCTCCAGAAGCTTGTGCAAGAAAAGATCTTTACTATAGA
TTCTAGCAAGTCAAAGAGTAAGCAGGAGGAGAAGCAACACTTGCAAAGTCAACAGATGTCATTAATCTG
GCCAGGCACAAAAGTAAACTCATTCTCAGATTCTACACATAAGCAGTCTGTTTGTGAGAGGATAAGAA
AGGACCATTTGTGAGCACCAAGGAACGAGTAGTTCGGATTCTAAGGAAAACCATGCCAGAGTTTGTAAAC
ACCATGTTCTTCAGTGTCTGAGGATACCAAGATGCAGATGAAGAGATGCAGATAGTAGAAGAGCTC
CACGCTGCACGTGTCGGGAGAAGCGTGGATTTGCCTGTGGTCCACCGTCTGTAGAGTCTATGAGCATGG
AGTTGACCTGGTGGATGAGGACGCACATCCCTCTGCTGCACACACTGCCTCAGACACAGCTTCTCAT
TGTTATGGACACAAATGTTCTCATGAATCATCTCAAATTCGTTAAAATTTGAAGACGACAGAAATACCA
GGATTTGACACACTTGTGTTAATAATTCCTTGGGTGGTATACAAGAGCTAGATCGTATGAAGGCAGGAA
AATTACTAAAACATGTTTCAGCATAAAGCTGTACCTGCAATTCATTTTATCAACAACAGCCTCAAAAGTCA
AGACAGAAAGCTGTGGGGCCAGTCATTACAGCTGGCATCCAAAAACTTTATGGACTGAGTGACGAGAAC
AATGATGACCGAGTATTAAGTGTCTTTCAGTACCAGCAATTAATCCCGTGTCTCTTGTATTCTGT
GCACGGATGATAGAAATTAAGAACTAAAGGCCTGATAAGTGGTGTGAAGTCCCTCAGTAAAGAAGATCT
GGATACAGAGATATTAATTTAACTCTGAACACAGATTTGTGTCATCAGCCTTGTATTTCTAAGCAGCAG
TTGAACGCAGAAGTACCACCTGCGAAAGAGACTCCTAAGGAAGGAGCTGCAAATTCGGACTGTCCATTC
TACTGGAGCGGATCATTGTGATCTTGAATAATGCCTTGGGACAGCTTTATCTTCAATATTAGAAACAGA
AATGAAAATTGCTTTTGGAAATCTTTGGATGGAGGTGCTGATTTGAAACCACCATGGACTCTAATAAAT
CTATTACAGTGTCTTAAAAACATTGGCTGGCTGTATTTGGATTAGTTATGGAAAATAACTTGTCTGTAA
CTGTTGAGAGCCTATATGAAAATCTCTGTAAAGGTCAAGACAAAAGTGAAGCCAAGTTCTTCAGAAAGCA
CAAGGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209983 protein sequence
Red=Cloning site Green=Tags(s)

```

MLLCTTSAHKLETVYDHKFLKMSIKESCAKEEKSQKKQTISSPTFNEDKKKGEISAGSTSSEHGVPVST
KKRKLKADDDNVDYNANRKNKRLNVEVFIKKRLKFSSTQAVSYLNNQMTSHSCSSNGTKDTKVVD
CKLTNIGSKLNYEIKNHSRIKITKDMKSKPVDQTKKWNPSLLIQKKMKELKKEKNKDSSELEKCKKN
HLPQNYNFSNMIKESFESGRKKISFKIPKKSSTTLQKLVEEKIFTIDSSKSKSQEEKQHLQSHQMSLNL
ARHKTENSFSDSTHKQSVCEIRKDHCEHQGTSSSDSKENHAQSFETPCSSVSSEDTQDADEEMQIVEEL
HAARVGRSVDLPVPPSVELMSMEIDLVEDAHPAAHTASDTKLLIVMDTNVLMNHLKFKVILKTEIP
GFDLTVLIIPWVVIQELDRMKAGKLLKHVQHKAVPAIHFINNSLKSQDRKLWGQSLQLASQKLYGLSDEN
NDDRVLKCCLQYQQLFPCSLVILCTDDRNLRKGLISGVKLSKEDLDTEILNLTLNTDLCHQPCISKQQ
LNAEVPPAKETPKEGAANGLSILLERII CDLEKCLGTALSSILETEMKIAFGNLWMEVLYLKPPWTLIN
LLQCFKKHWAFLVGLVMENLLVTVESLYENLCKGQDKTEAKFFRKHKE
    
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: BC055064

ORF Size: 2037 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: [BC055064](#), [AAH55064](#)

RefSeq Size: 2865 bp

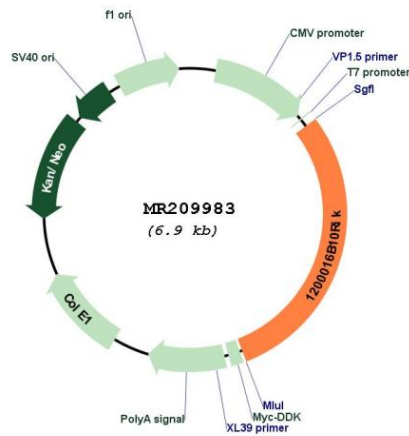
RefSeq ORF: 2039 bp

Locus ID: 66875

Cytogenetics: 1 G1

MW: 77.1 kDa

Product images:



Circular map for MR209983