

Product datasheet for **MR213982**

1700006A11Rik (NM_027939) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	1700006A11Rik (NM_027939) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	1700006A11Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR213982 representing NM_027939
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATAATGAGCAACCATCAAGGAACTTCTGGACCACATGAGTCAGAAAACCTTCGTGGATGTTCTCAACC
 TGCCAGATGCAGAGAAGAAAACAGTTAACAAAAACAGCCTTTCATAACTCAAGTATCCACAAGGCCTC
 GGTGCCCCACCAGGACCAAGTTTGCACATCCCTGCCAGTTACTAAGAGAGGAATACTTTTTGAAATGAT
 CTCTCTGTTGTTGTGATGATGGAATCTTCTAAAGCAATTCTGGATATGCTCTCCATTCTCAACGAAA
 AAGGAGCAATCACTGAAGGCATCTTCAGGATATCAGGCAATATGTCAGCATGCCACGCCCTAAAAGAAA
 GCTGGATTATGAAAAAGGTGAATCTGAAAAAGGAATGTGTTCTCGCTGTGGCATCTGTCTAAAGGAG
 TTTCTTCATAATACAAGGAAGTGTGCTGACTTCTAGACTGTATGATATATGGCTTGATGTCCTTGACC
 AAGAAAATGAAGAGGAGAACTAGCTGCAGTGCAGAGTCTTTACAGCGTCTGCCTTACCCAAATGTCAG
 CCTCTTGAGAGAACTTTTCAGAATGCTACACAACATAGAAGAAAATTCTGCAGTTAACAAAATGACTGCT
 TATAGTTTATCTGTTGTCATGGCCCATGTATCCTATGTCTGCCTCGTTCCTGCAACTCGGATTAGCAA
 ATGATATCTCCAATGAGATTTCCCTTGTAAAATTTCTCATCGAAAACAGTCTGAAAATATTTGGAGAAA
 CACGGTTTACGTTATGATGCAAGCTCAGTGTCTTGCCCTGATGTGGAGAAAGCATCAGGTCCCCTAAAC
 AATATAACTAACTTTGATGAGATGAAGGATAAGGAATATCAAGACAACCACTGTCAAAGTGGGATGACAT
 GCCCTACAGGCAACAATTCAGTGCCCATGAGTCCAACCTGCTCCTTTCACAAATGAGGGGACTATAGCTTC
 TGAGAAACCTGTCAAAGATCTTTATAAAGCCAATGATTACCTGTGGCTCAACTACCAGCCATGACAAAT
 GTGTGTATAACCCATCCCATCAGCACCAACAAGGGACACCTTTTGGAAAGTCTCTCACCATTATCT
 GTAAGGATGGTAATCTGCCTGCTCCAGTTTGGACATGCTTTCTATCATCGATGCAAAAAGGACCAGACAC
 AGAGAGAATATTAGAACATTAGCTAATAAACCATACCTCACCTTAAGAGAAAAGCTTGACTCTGCAGAG
 GAAATGAACCTTGAGAGAGGAATCTGTTTATATCGTAGCATCTGTCTTAAAGGAATTTATTAGGAATATC
 CAGGAAGCTTACTTTGCTCTAATCTGTATGAAAAATGGCTTGCTGCTTATGATCAAGAATCCATGATCA
 AAAGATTTCTGCTATCCAAAGTCTTTAATACAGATGCCATTACCAAATGTTCTCCTTTTGGACACCTT
 CTCTCTGTGCTACACAAGATTAAGGTCGCTCTTCTATTACTCACATGACTGCTTACGCTTTATCAGTTC
 GCATAGCTCCAAGTATGCTTTGGAATCCTTCTCTCCAACCTCAGGGTTTGGGAATGATATCTCACAAA
 GAAACGACTGCAGAAGGAGACT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR213982 representing NM_027939
 Red=Cloning site Green=Tags(s)

MIMSNHQGTSGPHESENFVDVLNLPDAEKKTVNKKQPFITQVFHKASVPHQDQVCTSLPVTKRGILFGND
 LSVVDDGNLPAKILDMLSILNEKGAIIEGIFRISGNMSACHALKERLDYGKKVNLKKECVLAVASVLKE
 FLHNIQGSVLT SRLYDIWLDVLDQENEEKLAAVQSLLQRLPYPNVSLRELFRMLHNIERN SAVNKMTA
 YLSVCMAPCILCLPRSCNSGLANDISNEISLVKFLIENSLKIFGESTVLRDASSVSCPVEKASGPLN
 NITNFDEMKDKEYQDNHCQSGMTCPTGNNSVPMSPAPLHNEGTAISEKPKVRSFIKPMITCGSTTSHDN
 VCITPSPSAPNKGHLFGKSLTIICKDGNLPAPVLDMLSIIDAKGPDTERIFRTLANKPYLTLREKLDSAE
 EMNLREESVYIVASVLKEFIRNIPGSLCSNLYGKWLAVLDQEFHDQKISAIQSLLIQMPLPNVLLLRHL
 LSVLHKIKGRSSITHMTAYALSVRIAPSMWNPSLSNSGFGNDISQKKRLQKET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9078_g09.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_027939

ORF Size: 1632 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_027939.2](#)

RefSeq Size: 1983 bp

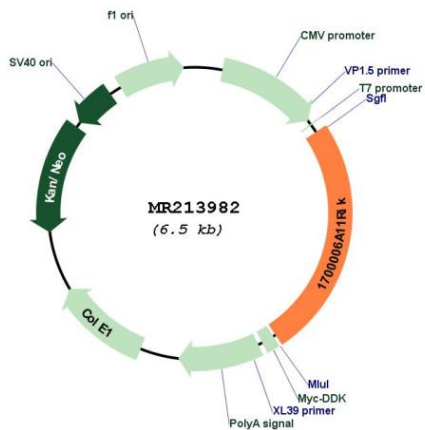
RefSeq ORF: 1635 bp

Locus ID: 71824

Cytogenetics: 3 G1

MW: 60.3 kDa

Product images:



Circular map for MR213982