

Product datasheet for MR201360

1700016D06Rik (NM_024271) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1700016D06Rik (NM_024271) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: 1700016D06Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201360 representing NM_024271
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACAGCGAATAGAGGAGCAATGACCTTCTTATCTGTCTTCCTGCTGTGCTGTTGGCAAGACGTACAGC
 CCTGGCCGAATAGAGAGCTTTCAGGTTCAAGTGGTAAGCAATGGCCAAATTTAGAACTCTGGATGATGA
 CATAGCTACAGTGTGGTGAATTTCTAGTCCGGGATATCTGGAGCCAGGAAAGCACCATATTTTGAA
 AATCAAAGCCCATCAACAACCTTCAACAACAAAAACAACGAAGGAAAAAGAAGTCCACACAAAAGAACCCA
 TACCTTCTAAGACATATCAGAAGCAGTCATCTTCTGGGACCATGCACACCCCTTCTTTGACGATAAGCA
 GAAAGAAATACTTTTTTCAGCTAAGAAGCCTTGAAGCTCTGGAGAAAATGATTGACAAGATTGGAAGAGCT
 ATTGAAACTAAGCTCAAGAGAAGACAGAAGCTCCAGCAAAGTAGAAGCAGTCAACTCTGGGGAAGCCAA
 TCCAGCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201360 representing NM_024271
 Red=Cloning site Green=Tags(s)

MTANRGAMTFLSVFLLCCWQDVQPWPNNRELSGSSGKQWPNLETLDDDIATVFDEILVRDILEPGKAPYFE
 NQSPSTTSQQKTTKEKEVHTKEPIPSKTYQKQSSSGTMHTPSFDDKQKEILFQLRSLEALEKMIDKIRRA
 IETKLRQKLQQRSSQLLGKPIQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9052_g06.zip

Restriction Sites: SgfI-MluI



[View online >](#)

Cloning Scheme:


ACCN: NM_024271

ORF Size: 498 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_024271.2](#)

RefSeq Size: 1266 bp

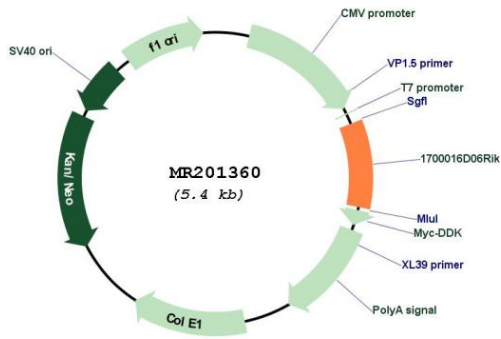
RefSeq ORF: 501 bp

Locus ID: 76413

Cytogenetics: 8 A1.1

MW: 19.5 kDa

Product images:



Circular map for MR201360