

Product datasheet for MR202031

1110038D17Rik (BC024851) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1110038D17Rik (BC024851) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: 1110038D17Rik
Synonyms: 1110038D17Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR202031 representing BC024851
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGCTTCGGTACCTGGCCAGCTCGACGACGGGGAGTTTGAAAACGCCCTGCAGGAGCTGCAGCTGA
 CCAGGAGCATCTGGACCATCGACCTGGCCTACCTGATGCGCCACTTTGGTGTGAGACACCGCTTCTGTAC
 CCAGACTCTGGGTGTTGACAAGGGTTACAAAAACCAAGTCTTCTACAGGAAGCACTTTGACACAGAGGAG
 ACCCGAGTGAACCAAGCTGTTGCACAGGCCAAGGCCTGCAAGGTGCAAGTGGAGAAATGCACAGTGAAGT
 TGCAGGACATCCAAGTACACCTGGCGCAGGGCCATGTGGCCATTGTGTTGGTGAATTCGGGGTGCTACA
 CTGCGACCTGTGCTCCAGCCCTGTCAAGTACTGCTGCTTTACTCCCAGTGGCCACCGCTGCTTCTGCCGC
 ACCCCCGACTACCAAGGCCACTTCATCGTCTGCTGGCTATAACAGGGCTACCGGCTGCATCTTCTATA
 ACAACCCAGCCTATGCTGACCGGATGTGCAGCACCAGCATCAGTAACTTTGAGGAGGCCAGAAGTCTAGCTA
 CGGCACAGATGAGGACATCCTCTTTGTCTACCTGGACAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR202031 representing BC024851
 Red=Cloning site Green=Tags(s)

MVLRYLGLDDGEFENALQELQLTRSIWTLAYLMRHFVGRHRFCTQTLGVDKGYKNQSFYRKHFDTEE
 TRVNQLFAQAKACKVQVEKCTVSVQDIQVHLAQGHVAIVLVNSGVLHCDLCSPPVKYCCFTPSGHRFCFR
 TPDYQGHFIVLRGYNRATGCIFYNNPAYADRMCTSTSISNFEEARTSYGTDEDILFVYLDL

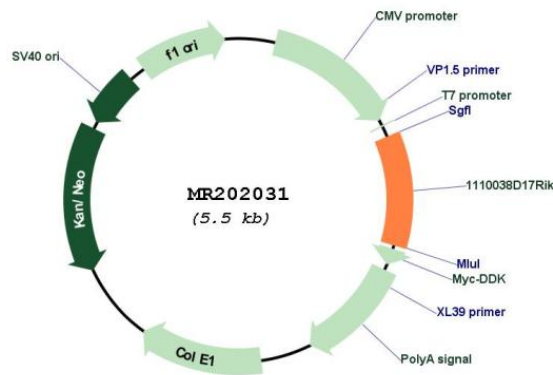
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: BC024851

ORF Size: 600 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: [BC024851.1](#)

RefSeq Size: 2883 bp

RefSeq ORF: 602 bp

Locus ID: 68778

Cytogenetics: 10 C1

MW: 22.9 kDa