

Product datasheet for MR201465

2310061I04Rik (BC100355) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 2310061I04Rik (BC100355) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: 2310061I04Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201465 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGGAGGAACACCTGGCTGTCATGCATGAGAGACTAAGACAAGAGCTTCCCACCCTTCTCCTTCGCTCCC
 ATGACTACACTATATATCAATGGATGTGGAATTCATCAATGAGATCCTGAACATTCGTACCAAGGGCCG
 GACATTTTATGTTATGTCCTGACCCCTTGCCGCTTCTGGTTTGGAACTATTTGCACAGTTTCGGTTG
 GAGATTTTACAGCTGACCCGCCACCCTGAGAAGCTGGACCCTGCAAGCCCGCTGGCGTCTAATAGGTCTGC
 CCATACATATGCTCTTCTGCTTCTACAGGCGTGATAAAGAGGATCTTACCGACCTTCGATGCCTT
 TTCCACCTTCTACCTGAATTCAGTGGCCTCATCTGTCGCCATCACCTGGACAAGCTGATGCCTTCACAC
 TCACCGTCGACGCTGTGAAAAAGCTGCTGGTGGAGCCCTGGTGGCCCTGGGGCTGTCAGAACCAGAGC
 CCAGCTTACACCTGTGCTCCAAGGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201465 protein sequence
 Red=Cloning site Green=Tags(s)

MEEHLAVMHERLRQELPTLFLRSHDYTIYSMDVEFINEILNIRTKGRTFYVMSLTLCRFLVWNYFAQFRL
 EILQLTRHPENWTLQARWRLIGLPIHMLFLRFYRRDKEDLYRTFADFSTFYLNSSGLICRHLDKLMPSH
 SPSTPVKKLLVGALVALGLSEPEPSLHLC SKA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:


ACCN: BC100355

ORF Size: 516 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: [BC100355](#), [AAI00356](#)

RefSeq Size: 893 bp

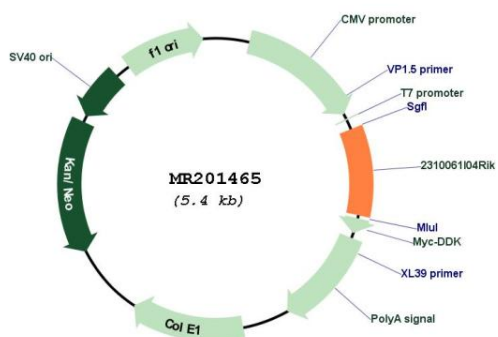
RefSeq ORF: 518 bp

Locus ID: 69662

Cytogenetics: 17 B1

MW: 20.5 kDa

Product images:



Circular map for MR201465