

Product datasheet for **MR203026**

LOC629446 (BC057932) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Tag: Myc-DDK
Symbol: LOC629446
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PSI00001)
E. coli Selection: Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR203026 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGACAGACCGTAACCTACCCCTCTGAGTTTAACCTTGCAGCACTGGGAAGATGTCCAGCGCATTGCAT
CCAACCACTCTGTAGATGTGAGAAAGAGCGCTGGATTACCTTCTGTTCCGCTGAATGGCCAACCTTCAA
TGTGGGATGGCCTCAGGATGGTACTTTCAATTTAAGTATTATCTCTCAGGTTAAGCTAGAGTGTGTTGT
CCTGGTCCCCACGGACACCCGGATCAGGTCCCATATATCGTCACCTGGGAGGCACTTGCCCTATGACCCCC
CTCCGTGGGTCAAACCGTTTGTGTCTCCTAACTTCTCCCTTGGCGACAGCTCCCGTCTCCGCGCCGG
TCCTTCTGCGCAACCTCCGTCCCGATCTGCCCTTACCCTGCCCTTACCCCTCTATAAAGTCAAACCT
CCTAAGCCCCAGGTTCTCCCTGATAGCGCGGACCCCTCATTGACCTTCTCACAGAGGACCCCCCGCCGT
ACAGAGCACAAACCTCCTCTGCGAGGAGAACAAACGAAGAAGAGGCGGCCACCACTCCGAGGTTTC
CCCCCTTCTCCCATGGTGTCTCGACTGCGGGGAAGGAGAGACCTCCCGCAGTGGACTCCACCACCTCC
CAGGCATTTCACTCCGCATGGGGGAGATGGCCAGCTTCAGTACTGGCCGTTTCTCCTCTGATTAA
CCCTTCCTTTCTGAAGATCCAGGTAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR203026 protein sequence
Red=Cloning site Green=Tags(s)

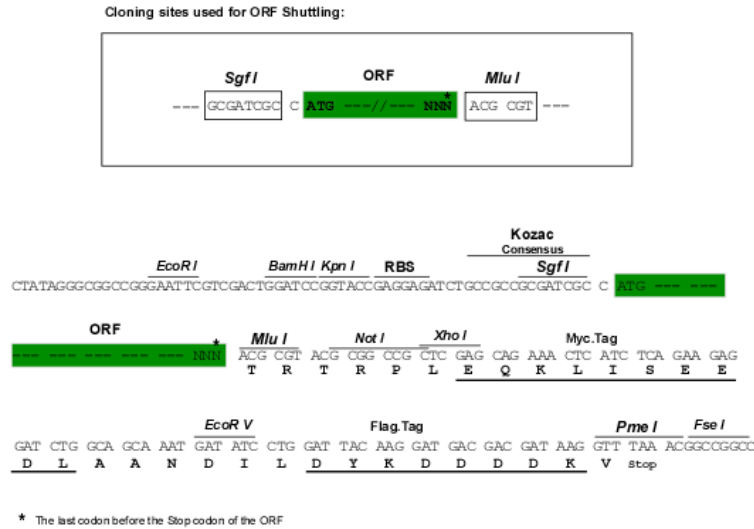
MGQTVTTPSLTLQHWEDVQRIASNQSVDRKRRWITFCSAEWPTFNVGWPQDGTFLNSIISQVKS RVFC
PGPHGHPDQVPYIVTWEALAYDPPWVKPFVSPKLPLPTAPVLPGPSAQPPSRALYPALTPSIKSKP
PKPQVLPDSGGPLIDL TEDPPPYRAQPSSSARENNEEAATTSEVSPSPMVSRLRGRDPPAVDSTTS
QAFPLRMGGDGLQYWPFSDDLTLPLFKIQVN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC057932

ORF Size: 729 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC057932](#)

RefSeq Size: 1558 bp

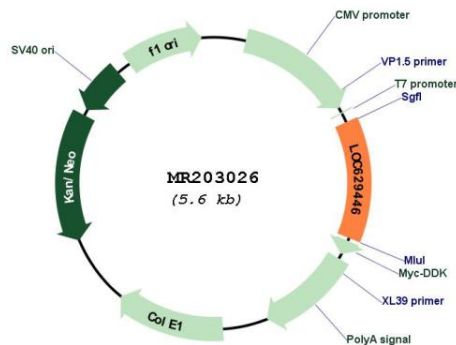
RefSeq ORF: 731 bp

Locus ID: 629446

MW: 26.7 kDa

Gene Summary: DISCONTINUED: This record has been withdrawn by NCBI. This record was defined by BC057932.1 which represents retroviral sequence.

Product images:



Circular map for MR203026