

Product datasheet for **MG203026**

LOC629446 (BC057932) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Tag: TurboGFP
Symbol: LOC629446
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PSI00010)
E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG203026 representing BC057932
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGACAGACCGTAACCTACCCCTCTGAGTTTAACCTTGCAGCACTGGGAAGATGTCCAGCGCATTGCAT
CCAACCACTCTGTAGATGTGAGAAAGAGCGCTGGATTACCTTCTGTTCCGCTGAATGGCCAACCTTCAA
TGTGGGATGGCCTCAGGATGGTACTTTCAATTTAAGTATTATCTCTCAGGTTAAGCTAGAGTGTGTTGT
CCTGGTCCCCACGGACACCCGGATCAGGTCCCATATATCGTCACCTGGGAGGCACTTGCCATATGACCCCC
CTCCGTGGGTCAAACCGTTTGTGTCTCTAACTTCTCCCTTGGCGACAGCTCCCGTCTCCGCCCCGG
TCCTTCTGCGCAACCTCCGTCCCGATCTGCCCTTACCCTGCCCTTACCCCTCTATAAAGTCCAAACCT
CCTAAGCCCCAGGTTCTCCCTGATAGCGCGGACCCCTCATTGACCTTCTCAGAGGACCCCCCGCCGT
ACAGAGCACAACCTCTCTCTGCGAGGAGAACAAAGAGAGGCGGCCACCACTCCGAGGTTTC
CCCCCTTCTCCCATGGTGTCTCGACTGCGGGGAAGGAGAGACCTCCCGCAGTGGACTCCACCACCTCC
CAGGCATTTCACTCCGCATGGGGGAGATGGCCAGCTTCAGTACTGGCCGTTTCTCTCTGATTTAA
CCCTTCCTTTCTGAAGATCCAGTAAAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG203026 representing BC057932
Red=Cloning site Green=Tags(s)

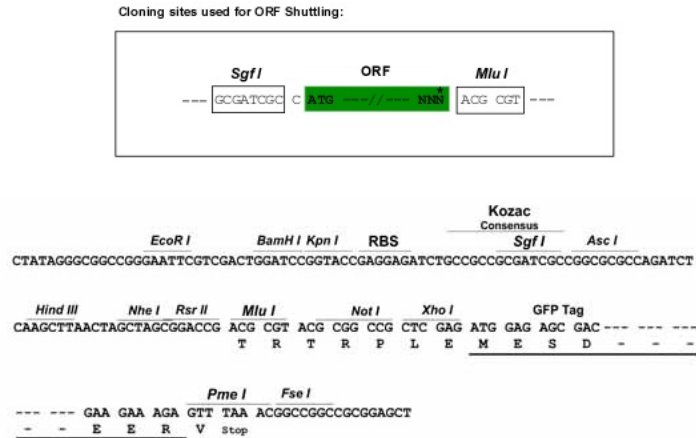
MGQTVTTPLSLTLQHWEDVQRIASNQSVDRKRWITFCSAEWPTFNVGWPQDGTFLNLSIIISQVKS RVFC
PGPHGHPDQVPYIVTWEALAYDPPPWVKPFVSPKLPLPTAPVLPGPSAQPPSR SALYPALTPSIKSKP
PKPQVL PDSGGPLIDLLEDPPPYRAQPSSSARENNEEEAATTSEVSPSPMVSRLRGRRDPPAVDSTTS
QAFPLRMGGDQLQYWPFSDDLTLPLKIQVN

TRTRPLE - GFP Tag - V



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).

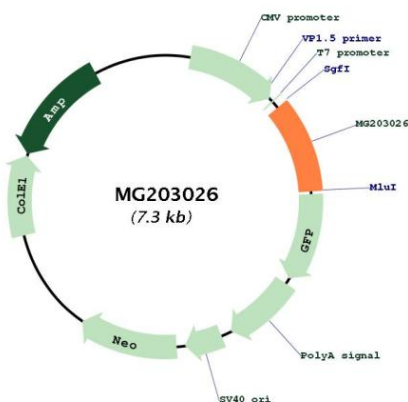
Reconstitution Method:

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:	<u>BC057932</u>
RefSeq Size:	1558 bp
RefSeq ORF:	731 bp
Locus ID:	629446
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 MG203026