

Product datasheet for **MG200418**

1700052K11Rik (BC099431) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: 1700052K11Rik (BC099431) Mouse Tagged ORF Clone
 Tag: TurboGFP
 Symbol: 1700052K11Rik
 Synonyms: A1840954
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >MG200418 representing BC099431
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGATCCGAGGAGAGAGCCCGGGAGCGGGCAAGGGGTGTCACTGAGTTCGCGGTGCCACCCGATGTC
 CGCCAGCCGGCCATCCCCCGAGCCATGGTCCACGTCCCCAGACCCACGCCACGCCACGCCACGCCACA
 GGCACGGAAGCCGGCCGGCGGTCTCGCTTCCACGTACCTGACTGGCTGGCGTCTCCAGGGACAAAG
 GTGTCTGGGATCACAGCCGAGCCCTACCAGCATGCCCCCTCCAGAGCGGAGGTCGTACCCGCCCCC
 CGGGAACTCTCTCAAAGCACCTAGGGGAGGTTCCATCTTAACCTCCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200418 representing BC099431
 Red=Cloning site Green=Tags(s)
 MDPREPGSGARGVTEFAVPTRCPPAGHPQPWSTSPDPTPRHATPQARKAGRRLLSPSTYLTGLASPGTK
 VSWDHSRALTSMPPSRAEVATRPPGNSLKAPRGRFHLNLR

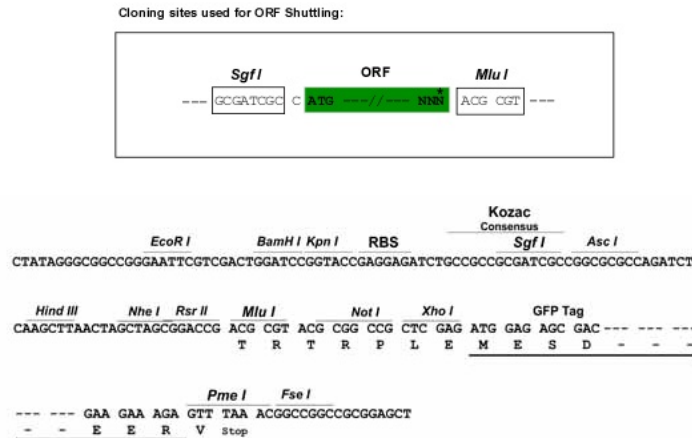
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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Cloning Scheme:



ACCN: BC099431

ORF Size: 330 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:

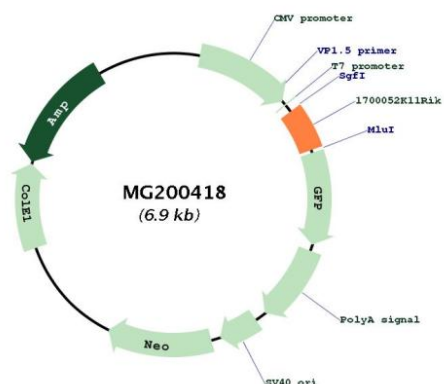
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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: [BC099431](#), [AAH99431](#)

RefSeq Size: 1329 bp
 RefSeq ORF: 332 bp
 Locus ID: 73431
 Cytogenetics: 11 E1

Product images:



Circular map for MG200418