

Product datasheet for **MG202159**

9430010O03Rik (BC046971) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 9430010O03Rik (BC046971) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: 9430010O03Rik
Synonyms: 9430010O03Rik; C130008N12
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG202159 representing BC046971
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCCGGTCGCGGAGCCGGAGCTCGTCCCGCTCTAAGCACACCAAGAGCTCCAAGCACACAAGAAGC
 GCAGCCGCTCGCGCTCGCGCTCGCGGGACAAGGAGCGGGTGCAGGAGCGCTCCAAGTCCCGGAGAGCAA
 ACGGAACCGCGCGGGAGCGCGCTCGTCCCGCCGACCGCATCGACATCTTCGGGCGCACGGTGAGC
 AAGCGCAGCAGCCTGGACGAGAAGCAGAAGCGCGAGGAGGAGAGAAGAAGCGGAGTTCGAGCGACAGC
 GAAAAATTCGGCAGCAGGAAATAGAAGAAAACTCATTGAGGAAGAAACAGCACGAAGAGTGGAAGAATT
 GGTAGCAAAAAGGTAGAAGAAGATTGGAGAAAAGGAAGGATGAAATTGAGCGAGAAGTCTCCGAAGG
 GTTGAAGAAGCCAAACGCATCATGGAAAAGCAGTTGCTCGAAGAACTCGAGCGACAGAGACAAGCTGAGC
 TTGCAGCACA AAAAGCCAGAGAGGTAACGCTCGGTGTTGGAAAGTAGAGACAGTCCATGGCAAACTT
 TCAGTGTGAGGTGTCCTCTGCTCAGTCCAGAACGAGATGGAATGCGACTATCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG202159 representing BC046971
 Red=Cloning site Green=Tags(s)

MGRSRSSSSRSKHTKSSKHNNKRSRSRSRDKERVKRKRSKRESKRNRRRERASSPPDRIDIFGRTVS
 KRSSLDEKQKREEEKKA EFERQKIRQQEIEEKLIEEETARRVEELVAKRVEEELEKRDIEIEVLR
 VEEAKRIMEKQLLEELERQQAELAAQKAREVTLGRLESRDSPWQNFQCQVCLLLSPERDGMRLS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



Cloning Scheme:


ACCN: BC046971

ORF Size: 617 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: [BC046971](#), [AAH46971](#)

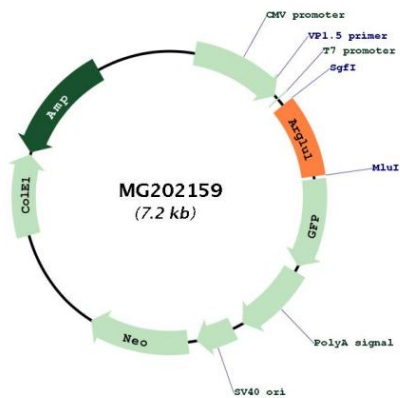
RefSeq Size: 3959 bp

RefSeq ORF: 617 bp

Locus ID: 234023

Cytogenetics: 8 A1.1

Product images:



Circular map for MG202159