

Product datasheet for **MG203195**

C230093N12Rik (BC031157) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	C230093N12Rik
Synonyms:	MGC38572
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG203195 representing BC031157
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**

ATGTTCTGCTCTCTGGGGACCCCTGTTTCAAGACGCCACCGTCTACCGCAAATCCATCTCCATCCCGG
GCCAGGACTCCTCCCTGCAGCTGACGTGTAAAGGTGGTGGGACCAGCAGCGGTGGCAGCAGCAGCAACAA
TTCCCTAACTGGATCCCGGCCCCCAAGACCCGGCCCACTCCTGGGCTCAGGACTACCAGAGGAGCCA
GACCAGAGCCTGTCCAGTCTGAGGAGGTGTTCCACTCTGGCCACTCCCGCAACTCCAGCTATGCCAGCC
AGCAGTCCAAGCTATCTGGCTACAGTACAGAGCACTCTCGTCTCCAGCCTGTCTGACTTGACACACCG
CAGAAATACATCCACCAGCAGCAGCGCCTCTGGTGGCCTCAGTATGGCTGTAGAGGGTCTGAGGGCATG
GAGAGGGAGCATCGGCCCTCTGAGAAGCCACCTCGGCCTCTGAGAAGCCCCACGCCCCCACGCCCT
TGCATCTATCAGATCGCTCTTTTCGGCGAAAGAAAGACTCTGTGGAGAGCCACCAACCTGGGTAGATGA
CACTCGAATTGATGCAGACGACATTGTGGAGAAGATAATGCAGAGCCAGGACTTCACTGATGGCAGCAAC
ACTGAGGACAGTAACCTTCGGCTGTTCTGTGAGCCGTGATGGCTCCACCACACTGAGCGGCATTACAGCTGG
GCAACAGAGTCTCCTCGGGAGTCTACGAGCCAGTCGTAATTGAGAGCCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence: >MG203195 representing BC031157
 Red=Cloning site Green=Tags(s)

MFLLSGDPCKFTPPSTAKSISIPGQDSSLQLTKGGGTSSGGSSSTNSLTGSRPPKTRPTILGSGLPEEP
 DQSLSSPEEVFHSRNSYASQQSKLSGYSTEHSRSSLSDLTHRRNTSTSSASGGLSMAVEGPEGM
 EREHRPSEKPPRPPEKPPRPPLHLSDRSFRKKDSVESHTWVDDTRIDADDIVEKIMQSQDFTDGSN
 TEDSNLRLFVSRDSTTSLGIIQLGNRVSSGVYEPVVIESH

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC031157

ORF Size: 750 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: [BC031157](#), [AAH31157](#)

RefSeq Size: 3503 bp

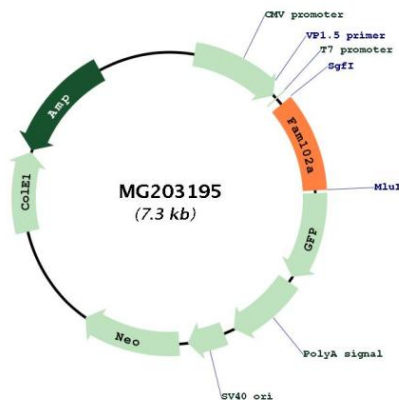
RefSeq ORF: 752 bp

Locus ID: 98952

Cytogenetics: 2 B

Gene Summary: May play a role in estrogen action.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG203195