

Product datasheet for **MG202810**

1810054G18Rik (BC013546) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	1810054G18Rik (BC013546) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	1810054G18Rik
Synonyms:	1810054G18Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG202810 representing BC013546 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCCAAAGCCCGAACCAGCTGGATGCCGTTCTTCAGTGTCTGCTGGAGAAGAGTCACATGGACAGGG
AACGCCTGGATGAAGAAGCTGGGAAAACCCCTTGGATACGCACAACAAGGATTGTTCCATTGCTGCCAC
AGGCAAAAGGCCATCTGCCCGCTTCCCCACCAGCGGAGGAAGAAGAGGAGGGAGATGGACGATGGGCTC
GCTGAGGGGGTCTCAGAGATCCAATACGTATGTGATCAAGCTATTTGACCGGAGTGTGGACTTGGCCC
AGTTCAGTGAGAACACCACTGTACCCCATCTGCCGCGCTGGATGCGCAACAGCCCCACAGTGCAGAGA
GCGCGAGCGCTACCCCGCTACCGCTGCCTCCTCTGCCGAGGATGGAGAGGGTTAGAGGTCATCAAC
AGCAAAAACCGTGATGTGTACAAGCTGCCTCCACCCACAGCTCCTGGACCACTTGAGATGCCTGTAGAT
CCAGAATTCCATCCCCACTGCAGCCTGAGACCGAGGGTACCCCGATGATGAACCTTCCGAGCCTGAACC
TTCTCCTTCCACACTTATCTATCGCAACATGCAACGTTGGAAACGCATACGCCAGAGGTGGAAGGAGGCA
TCTCATCGGAACCAGCTTCGCTACTCAGAAAGTATGAAGATCCTACGGGAGATGTATGACCGGCAG

ACGCGTACGCGGCGCTCGAG - GFP Tag - GTTTAA


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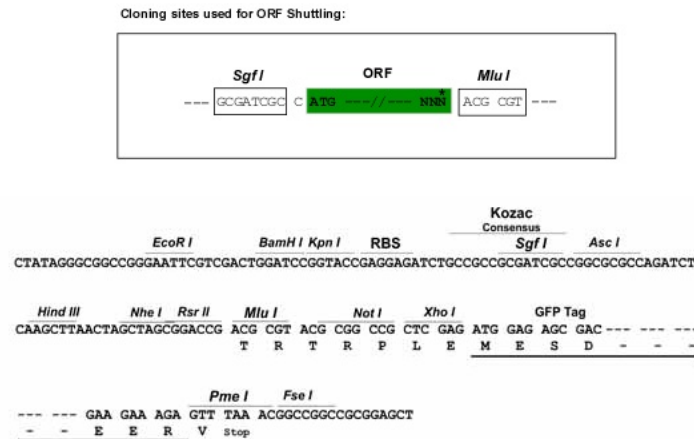
Protein Sequence: >MG202810 representing BC013546
 Red=Cloning site Green=Tags(s)

MAKARNQLDAVLQCLLEKSHMDRERLDEEAGKTPLDTHNKDCSIAATGKRPSARFPHQRRKKREMDGGL
 AEGGPQRSNTYVIKLFDRSVDLAQFSENTPLYPICRAWMRNSPTVRERERSPGSPLPPLPEDGEGSEVIN
 SKNRDVYKLPPTAPGPLGDACRSRIPSPLQPETEGTPDDEPSEPEPSPSTLIYRNMQRWKIRQRWKEA
 SHRNQLRYSESMKILREMYDRQ

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC013546

ORF Size: 696 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: BC013546, AAH13546

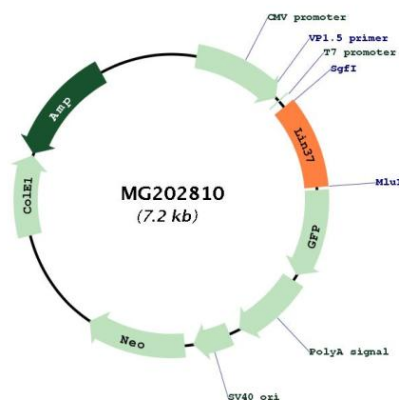
RefSeq Size: 1002 bp

RefSeq ORF: 698 bp

Locus ID: 75660

Cytogenetics: 7 B1

Product images:



Circular map for MG202810