

Product datasheet for **MG203760**

BC038286 (BC038286) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: BC038286 (BC038286) Mouse Tagged ORF Clone
 Tag: TurboGFP
 Symbol: BC038286
 Synonyms: MGC47289
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >MG203760 representing BC038286
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTATACTCGCCTGGAGCCCTTGCTCATGCAGCTGGACTACAGCATGAAAGCTGAAGCTGATGCCCTGC
 ACCACAAACATGACAAGAGAAAGCGCCAAGGGAAGAGTGCACCCCAGCAGGAGATGAGCCACTGGCGGA
 AACAGAGAGTAAAGCGAGGCAGAGTTGGCTGGCTTCTCTCCAGTGGTGGATGTGAAGAAAACAGCCCTG
 GCCTTGGCTATTACAGACTCTGAGCTGTCAGATGAGGAGGCTCTATCTTAGAGAGCGCGGTTTCTCTG
 TATCTCGGGCCACCACTCCACAAGTACAGATGTTTCTGAAGATTGGACCAGCAGAGCCTGCCAAGTGA
 GCCAGAAGAGGCTCTGAACCGAGAGCTGGGGGAGGGGAAGAGACAGAGCTGGCCTCTCCTGAAGACCTG
 CTAAGTGCCTCCAGCCCTCTCAAAGCAAGCTTTGGACACCGAAGAGGAGGGGGCTGCAGACAAGGAAG
 CTTGCTTCAGCTCTCATCCCCTCTCACTTTGTGAATACGCACTTCAATGGGGCAGGGTCCCCCAAGA
 TGGAGTGAATGCCCTCCTGGTGCACCAAGTGAAGACCCTGAGCCCAGAGGCAGACTCACCTCAACCCCTG
 GCTGCTCCTGAGGAGGAAGAGGCACTCACAAGTGAAGACTTTGAGTTGCTGGATCAGGGGGAGCTGGAGC
 AACTGAATGCAGAGCTGGCTTGGGACCAGAGATGCCTCAAAGCCCCCTGATGTTCTGCCTCCTCCTCC
 CCTGGGGGCAGACAGCCATTCCCTGGTACAGTCAGACCAAGAGGCTCATGCAGAGTTGAGCCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203760 representing BC038286
 Red=Cloning site Green=Tags(s)

MYTRLEPLLMLDYSMKAEADALHHKHDKRKRQGKSAPPAGDEPLAETSESEAEALAGFSPVVDVKKTAL
 ALAITDSELSDEEASILESGGFVSRATTPQLTDVSELDLQQLPSEPEEALNRELGEGETELASPEDL
 LSAPPALSKQALDTEEEGAADKEALLQLSSPLHFVNTHFNAGAGSPQDGVKCPPGAPVKTLSPREADSPQPL
 AAPEEEEEALTTDFELLDQGELEQLNAELGLGPEMPKPPDVLPPPPLGADSHSLVQSDQEAHAIEVEP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC038286

ORF Size: 836 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: [BC038286](#), [AAH38286](#)

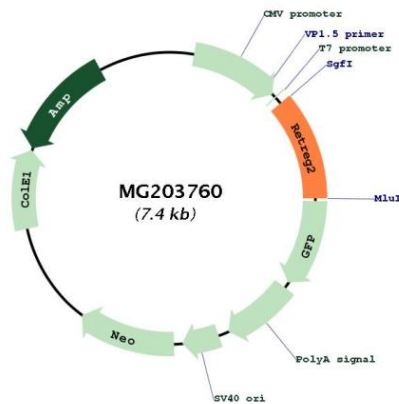
RefSeq Size: 1872 bp

RefSeq ORF: 836 bp

Locus ID: 227298

Cytogenetics: 1 C4

Product images:



Circular map for MG203760