

Product datasheet for **MG203259**

1700012B07Rik (BC048675) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	1700012B07Rik (BC048675) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	1700012B07Rik
Synonyms:	1700069D21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203259 representing BC048675 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCCATTTCAATAATTGGAAGAGCGCCAAACGAGCCAGAGCTTGACGTACAGGACAGCATCAGGG
TTTCTCATGAGAGGAAAAGTGAGAACAAAAATCATGAAGAGCTTCCAGAGAGCCACCACTCATCCCACGG
TCAGGACAAGGAGGGAGTCTGGCTTCTGGGAGCAGAAGTGAAGAGGCAGAGAAGACCCGGCTGCAGAG
GAGGGACCTTTTCTCAGTAAAACAGAAGTACAAAAAGATACGCAAGGAGCATGTGACAGCAAAGTCTGTTG
GACAAGGTCGTGAATTGTCCCCTCAACAACAAGAGCATCCGAATATACGACGGAGCCCTTTTCTTC
TTACCCGTTGCAGGCTGAGAAGATGAGTCTCACAGAAGGGCACGTATGGCCCGTCTGCCCCAGCAGGGC
CCTTTCCGGCACCTTATGGACATGAAGGCAGAGAAGAGGCTGGCGGGTGAAGGAACGCCGTAGCCGCT
TTGGTGACATCAACGTGCACAAATGCTATCAGTTTGGGCAGGTCTTCTCTCCTTTCCAGGCTCTGGCCAC
CACAGAGATGCGAAGGCTGGTGCTGCCAGAGACTTGCCCATGAGTTCTCACAGGCGGAGAATAAACCTT
TCATCCCTCGGTGACATGAACCTCCAGGATTCACCCCTGTCTCCAGAGCTGACATTGGGAAACGATGATG
GCCATCATGAGAAGGACAAGCCAGTGAGCCACATTA AAAAGCCTTTATCCCCCCAATAGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203259 representing BC048675
 Red=Cloning site Green=Tags(s)

MSHFNNWWSAQTSQLTSQDSIRVSHERKSENKNHEELPESHSSHGQDKEGVWLPGSRTEEAEDPAEE
 EGPFLSKTELQKDTQGACDSKVVGGRELSPPTTKSIRIYDASPFSSYPLQAEKMSPHRRARMARLPQQG
 PFRHLMMDMKAERLAGWKERRSRFGDINVHKCYQFGQVFSPFQALATTEMRRLLVLPDLPMSSHRRRINP
 SSLGDMNLQDSPLSPELTLGNDGDGHEKDKPVSIIKKPLFPNNS

TRTRPLE - GFP Tag - V

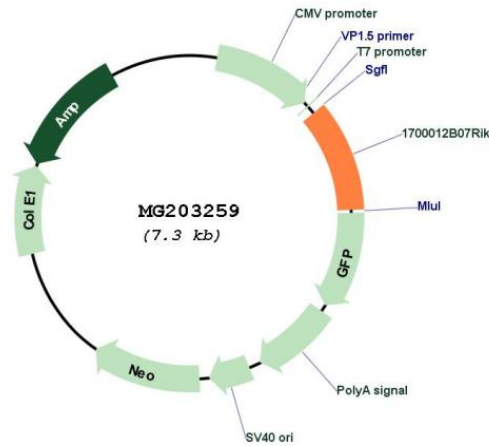
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: BC048675

ORF Size: 762 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:	<ol style="list-style-type: none">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:	BC048675.1
RefSeq Size:	945 bp
RefSeq ORF:	764 bp
Locus ID:	69324
Cytogenetics:	11 E1