

## Product datasheet for **MG207067**

### BC013476 (BC013476) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	BC013476 (BC013476) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	BC013476
Synonyms:	MGC18880
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG207067 representing BC013476 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTGTCTCTGCTCTAAGCCTGACCCGATTTGCAGGCAGCCTCTCTGGCTTCTCCAAGTGGCCTCTG  
TGTTCTGTCTGCTCCTGTGCTGGTAAAGCTGTCCAGGTCTACCTGCACAGGAAATGGCTACTCAAGGC  
TCTCCAGCAGTCCCACACCGCCCTTTCCTGTTCTTTGGGCATGAGCAGTTCAAAGGTGACCAAGAA  
CTACAGGAAATTGTGCATGCATAGAGAACTTCCAAGTGCCTTCTCGATGGTTCTGGGGAGCAAGG  
CCTACTTAACTGTCTATGACCCTGACTACATGAAAGTGATTCTGGGGCGATCAGGGTATGGTTTGTCTCT  
GTTAAACGGACAGTCATGGTTCCAGCACCGGAAGATGCTAACCCAGCCTTCCACTATGACATTCTGAAA  
ACCTATGTGAAAAACATGGCTGACTCCATTGATGCTAGACAAATGGGAACGGCTGGCTGGTCAGG  
ACTCCTCTATAGAGATCTTTCAACACATCTCTTAATGACCCTAGACACTGTCATGAAGTGTGCCTTCAG  
CCACAAGGGCAGTGTTCCAGGTAGATGAAATTACAAGACCTACCTCCAGGCCATTGGGGACTTGAATAAC  
CTAGTTCACTCTCGTGTGAGGAATATGTTTCATCAGAATGATACTATCTACAACTTTCTTCCAATGGCC  
GCTTGCCAACCAAGCTTGTCAACTGGCCATGATCACACAGATGGAGTGATCAAGATGAGAAAGGATCA  
GCTGCAGGATGAGGGAGAGCTGGAAAATATCAAGAAGAAGAGACGTTTGGATTTCTGGATATCCTCTTA  
TTTGCCAGAATGGAGAATGAGGACAGCATGTCTGACAAGGACCTTCGTGCTGAGGTGGACACATTCATGA  
TCGAGGGCCATGACACCACAGCCAGTGGAGTCTCCTGGATCTTCTATGCTCTGGCCACACACCCTGAGCA  
CCAACAGAGATGCAGAGAGGAAGTTCAGAGTCTACTGGGGATGGATCCTCTATCACCTGGGATCACCTA  
GACCAGATTCCCTATACCACAATGTGCATCAAGGAGGCCCTAAGGCTCTACCCACCTGTCCAAGCATTG  
GCAGAGAAGTCACTACATCTGTACCTTCTGATGGATGTTCTTTACCTAAAGGTGTCCAGGTCACACT  
CTCCATTTATGGTCTCCACCACAACCCGAAGGTGTGGCCAAACCCAGAGGTTTGCACCAGACTCTCCCCG  
ACACAGCCACTCATTCTGCCCTTCTCAGGAGGAGCCAGGAAGTGCATTGGGAAACAATTTGCTATGAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG207067 representing BC013476  
 Red=Cloning site Green=Tags(s)

MSVSALS LTRFAGSLSGFLQVASVFCLLLLLVKAVQVYLHRKWLLKALQQFPSPPFHWFHGHEQFKGDQE  
 LQEIVS CIENFPSAFPRFWGSKAYLTVYDPDYMKVILGRSGYGLLLNGQSWFQHRKMLTPAFHYDILK  
 TYVKNMADSI RMLDKWERLAGQDSSIEIFQHISLMTLDTVMKCAF SHKGSVQVDGNYKTYLQAIGDLNN  
 LVHSRVRNMFHQNDTIYKLSNNGRLSNQACQLAHDHTDGVIKMRKDQLQDEGELENIKKRRLDFLDILL  
 FARMENEDSMSDKDLRAEVDTFMIEGHDTTASGVS WIFYALATHPEHQRCREEVQSLLGDGSSITWDHL  
 DQIPYTTMCIKEALRLYPPVPSIGRELSTSVTFPDGCSLPGKVQVTL SIYGLHHPKVWPNPEVCTRLSP  
 TQPLIPALLRRSQELHWETICYE

TRTRPLE - GFP Tag - V

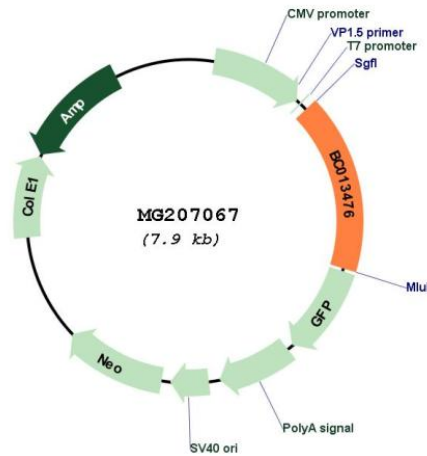
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

BC013476

<b>ORF Size:</b>	1329 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC013476.1</a>
<b>RefSeq Size:</b>	2433 bp
<b>RefSeq ORF:</b>	1331 bp
<b>Locus ID:</b>	545670