

## Product datasheet for **MG207190**

### **Bfar (NM\_025976) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Bfar (NM_025976) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Bfar
Synonyms:	3010001A07Rik; 3110001I22Rik; AI666707; AW107665; Bar; Rnf47
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG207190 representing NM\_025976  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGGAGCCTCAGAAAAATGACCTGAGCATGAGAGAGCAGGAGGAAGAGCATCCTGTGAGAAGCAGCG  
 GCCCTCAGATTTCTGTGAGCGAGTTCTCCTGCCACTGCTGCTACGACACCCTGGTTAACCCACCACCTT  
 GAACTGTGGCCACAGCTTCTGCCGGCACTGCCTGGCTTTATGGTGGATGTCTTCAAAGAAGACAGAGTGT  
 CCAGAATGCAGAGAAAAATGGGAAGTTTTCTAAAGTCAACATTCTCCTCAGGGATGCCATTGAAAAGT  
 TATTTCTGATGCCATTAGAATGCGAGTTGAAGACATTACGAGAATAATGATGTAGTCCAAAGTCTTGC  
 AGCCTTTCAGAAATATGGGAATGATCAGAATCCCTTAGCTCCAGCACAGGGCGAGTAAATCCTCAGAGA  
 GGAGGGGATTCTTCCGGTGTCTCACAGCTTAACTGGTGTGGCAGTCATCCTGCTTGTGTATCATT  
 GCGCAGCAGAGAATCTGAACATGGCCTCCTGGTGCACAAGGCTGTAGATAAGTGGACGATGGAAGAAGT  
 TGTCTCTGGTTAGAACAGCTAGGACCTTGGCCCTCCCTGTACAGAGACAGGTTCTTATCTGAAAGAGTA  
 AATGGAAGGTTGCTTTTAACTTTGACAGAAGAAGAGTTTTCCAGGGCACCTTATACCATAGAGAACAGTA  
 GCCACAGAAGGGTCATCCTCACGGAGCTGGAGCGTGTGAGAGCCCTGGGAGTGAAGCCACCAGCAATCT  
 CTGGGAGTACAAGGCTGTCAACCCGGTAGATCCCTATTCTTGCTCTACGCTCTCAAGAGCTCACCCAGA  
 CTTGGCTTGCTATACCTGTACCTGTTTACTACACAGACTGCTTCTACCTTCAACACCATCTGCC  
 CTCTGCAGGAAAACAGCTCTGGCGAGGACATTTTACCAAGCTTCTGGACCTGAGGGAGCCACGTGGAA  
 GCAGTGGAGAGAATTCTCGTCAAGTACTCCTTCTTCCGTACCAGCTGATCGCGGAGTTTGCCTGGGAC  
 TGGCTGGAGTCCACTACTGGACATCTCGCTTCTGATCGTCAATGCCGTGCTGCTCTGTTCTGGAGT  
 TGTCTCTTTTTGGAGGATCTGGTGCAGAAGTGAAGTGAAGACAGTCCCCAGAGGATGTGGAGCCACTT  
 CTGGAAAAGTATCGACACAGGGGCTTTTTCATGGCCATGTTCTGGCCGCTTATTCCTCAGTTTGTCTGCAAC  
 TGTTTATTTTACTGGGCTCTGTACTTCAACCAATTATTAACATTGATCTGGTGGTCAAGGAAGTCCGAC  
 GGCTGGAACCCAAGTGTTA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>MG207190 representing NM\_025976  
 Red=Cloning site Green=Tags(s)

MEEPQKNDLSMREQEEHPVRSSGPQISVSEFSCHCCYDTLVNPTTLNCGHSFCRHCLALWMSKKTEC  
 PECREKWEFGPKVNIILLRDAIEKLFPDAIRMRVEDIQNNNDVVQSLAAFQKYGNDQNPLAPSTGRVNPQR  
 GGGFFSGVLTALTGAVILLVYHWSRESEHGLLVHKAVDKWTMEEVVLWLEQLGPWASLYRDRFLSERV  
 NGRLLLTLTEEF SRAPYTIENSSHRRVILTELERVRALGVKPPQNLWEYKAVNPGRSLFLLYALKSSPR  
 LGLLYLYLFDYDCLFPFIHTICPLQENSSGEDIPTKLLDLREPTWKQWREFLVKYSFLPYQLIAEFAWD  
 WLEVHYWTSRFLIVNAVLLSVLELFSFWRIWSRSELKTVPQRMWSHFVKVSTQGLFMAMFWPLIPQFVCN  
 CLFYWALYFNPIINIDLVVKEVRRLETQVL

**TRTRPLE** - GFP Tag - V

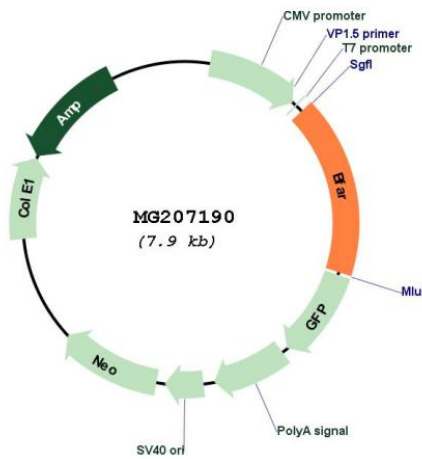
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_025976

**ORF Size:** 3007 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.

<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>	<u><a href="#">NM_025976.1</a></u>
<b>RefSeq Size:</b>	1957 bp
<b>RefSeq ORF:</b>	1353 bp
<b>Locus ID:</b>	67118
<b>UniProt ID:</b>	<u><a href="#">Q8R079</a></u>
<b>Cytogenetics:</b>	16 A1
<b>Gene Summary:</b>	Apoptosis regulator. Has anti-apoptotic activity, both for apoptosis triggered via death-receptors and via mitochondrial factors (By similarity).[UniProtKB/Swiss-Prot Function]