

## Product datasheet for **MG204428**

### **Bfar (NM\_025653) Mouse Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Bfar (NM_025653) 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)
ORF Nucleotide Sequence:	>MG204428 representing NM_025653 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTTCATATCCCGGTCATCCTTGGTACCGTCCAGGATCAGTGTACAGAAGAGACAAGATGTGGCCTA  
ACAGATCATATGATGAAGTACCTCAGAATGTCTCCAGTGATGAATCTACCCTGAGGAAAACAAGAGGTGA  
TCTTTCTGCAAGCCAACAGCATGAGTCCGGGGATGAGAAAGATGACTTTAGAAGAACTGTTCTCTTCT  
TCCCATTACTCAGAACAGCAGTCTCCCCATAAAGGGGCTTCTTGTTCAGAAAATCAGGTATAGATC  
AGAAGAAGTCCCCACACAGCAGATCTGGATCCAGTGAAGCCATTCTCCAAAACAAGCAAAGTGCATTC  
TTCCCATGGGTCAGAGCTTAGGAAGTCCGAGCATGCTCATTCTCTACAAACGGCACAGTGAAGAAAAG  
CCAGAAGGAGGTAAGAGAGGGCTGGCCAGTCTTTGAAAACATCAAGAGACACACACCCAAAAAGTTCTT  
CAGCAGTTCCTTCGTGAGAAAGTTAAACAAACTCAAAGGCTTGATGAAAAGGGACGTCCTAAAGCTGC  
AAGCAGGCAAGCTGTAGAAAAGCCAATGATGGCAGATGAAAGTGACTTACCTAAAATTTCTGAGTTTGAA  
GTTGGATTCTCAGAACTTATGGATCAGCCACAAGAACCTGGGTCAAACAAAAAGATCATACAGAATTCA  
TTGATGACCAAGTAACCAATCGCCGTAAGCAATAGTGTCAAAGACCAAGGAAATGAACAAGCCTACTA  
CCAAGACTGTGAGACCTTCGGAATGGTGGTGAAAATGCTGGTTGAAAAGACGCTTCATTAGAAAGGCC  
ATTCAGTTTGCCTCCGGCAGAATTTACATGAACAAAGTGAAGCGCTGTGTGGAGGAGCTCAGGCAGTTCA  
TTGCAGATTATGATGCTGCTGCTTCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG204428 representing NM\_025653  
 Red=Cloning site Green=Tags(s)

MLHIPVILGHRPGSVYRRDKMWPNRSYDEVPQNVSSDESTLRKTRGDLASQHQHECGDEKDDFRRNCSS  
 SHYSEQSPHKGASCF SRKSGIDQKNSPHSRSGSSGSHSPKQSKLHSSHGSELRKSEHAHSSYKRHSEEK  
 PEGGKKRAGQSLKTSRDTHPKSSSAVPSSESLNKLKRLDEKGRPKAASRQAVEKPMMADES LPKI SEFE  
 VGF SELMDQPQEPGSKKDHTEF ID DQVTNRRKAIVSKTKEIEQAYYQDCETFGMVVKMLVEKDASLERP  
 IQFALRQNLHELSERCVEELRQFIADYDAAA

TRTRPLE - GFP Tag - V

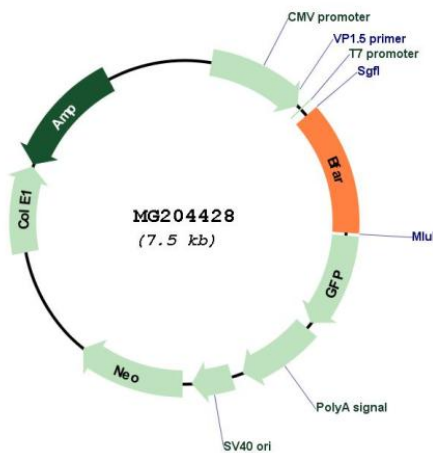
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** NM\_025653

**ORF Size:** 936 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="#">NM_025653.3</a>
<b>RefSeq Size:</b>	1612 bp
<b>RefSeq ORF:</b>	939 bp
<b>Locus ID:</b>	67118
<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]