

Product datasheet for MR219635

Bfar (NM_001177552) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bfar (NM_001177552) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Bfar
Synonyms: 3010001A07Rik; 3110001I22Rik; AI666707; AW107665; Bar; Rnf47
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR219635 representing NM_001177552
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGAGCCTCAGAAAAATGACCTGAGCATGAGAGAGCAGGAGGAAGAGCATCCTGTGAGAAGCAGCG
 GCCCTCAGATTTCTGTGAGCGAGTTCTCCTGCCACTGCTGCTACGACACCCTGGTTAACCCACCACCTT
 GAACTGTGGCCACAGCTTCTGCCGGCACTGCCTGGCTTTATGGTGGATGCTTCAAAGAAGACAGAGTGT
 CCAGAATGCAGAGAAAAATGGGAAGTTTTCTAAAGTCAACATTCTCCTCAGGTTGCTTTAACTTTGA
 CAGAAGAAGAGTTTTCCAGGGCACCTTATACCATAGAGAACAGTAGCCACAGAAGGGTCATCCTCACGGA
 GCTGGAGCGTGTGAGAGCCCTGGGAGTGAAGCCACCGCAGAATCTCTGGGAGTACAAGGCTGTCAACCCG
 GGTAGATCCCTATTCTTGCTCTACGCTCTCAAGAGCTCACCCAGACTTGGCTTGCTATACCTGTACCTGT
 TTGACTACACAGACTGCTTCTACCCCTTATCCACACCATCTGCCCTCTGCAGGAAAACAGCTCTGGCGA
 GGACATTTTACCAAGCTTCTGGACCTGAGGGAGCCACGTGGAAGCAGTGGAGAGAATTCCTCGTCAAG
 TACTCCTTTCTCCGTACCAGCTGATCGCGGAGTTTGCCTGGGACTGGCTGGAGGTCCACTACTGGACAT
 CTCGCTTCTGATCGTCAATGCCGTGCTCTCTGTTCTGGAGTTGTTCTTTTTGGAGGATCTGGTC
 GAGAAGTGAGCTGAAGACAGTGCCCCAGAGGATGTGGAGCCACTCTGAAAAGTATCGACACAGGGGCTT
 TTCATGGCCATGTTCTGGCCGCTTATTCCTCAGTTTGTCTGCAACTGTTATTTTACTGGGCTCTGTACT
 TCAACCAATTATTAACATTGATCTGGTGGTCAAGGAAGTCCGACGGCTGAAAACCAAGTGTTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR219635 representing NM_001177552
Red=Cloning site Green=Tags(s)

MEEPQKNDLSMREQEEHPVRSSGPQISVSEFSCHCCYDTLVNPTTLNCGHSFCRHCLALWWMSSKKTEC
 PECREKWEFGPKVNILLRLLTLTEEF SRAPYTIENSSHRRVILTELERVRALGVKPPQNLWEYKAVNP
 GRSLFLLYALKSSPRLGLLYLFDYDTCFLPF IHTICPLQENSSGEDIFTKLLDLREPTWKQWREFLVK
 YSFLPYQLIAEF AWDWLEVHYWTSRFLI VNAVLLSVLELFSFWRIWSRSELKTPQRMWSHFVKVSTQGL
 FMAMFWPLIPQFVCNCLFYWALYFNPIINIDL VVKEVRRLETQVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9042_f10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001177552

ORF Size: 975 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001177552.1](#), [NP_001171023.1](#)

RefSeq Size: 2635 bp

RefSeq ORF: 978 bp

Locus ID: 67118

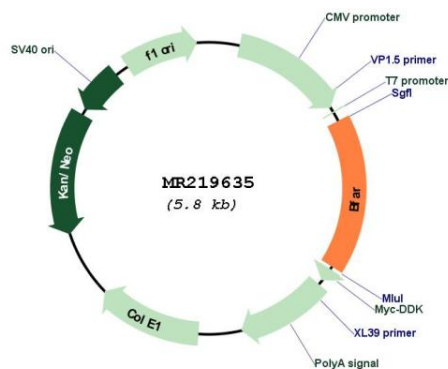
UniProt ID: [Q8R079](#)

Cytogenetics: 16 A1

MW: 39.2 kDa

Gene Summary: Apoptosis regulator. Has anti-apoptotic activity, both for apoptosis triggered via death-receptors and via mitochondrial factors (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR219635