

Product datasheet for **RR204448**

Bfar (NM_001013125) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bfar (NM_001013125) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bfar
Synonyms:	RGD1305537
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR204448 representing NM_001013125
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGAGCCTCAGAAAAATGACCTGAGCATGAGAGGGCAGGAAGAAGATCATCTGTGAGAAGCAGTG
 GCCCTCAGATTTCTGTGAGTGAGTTCTCCTGCCACTGCTGTACGACACCCTGGTTAACCCACCACCTT
 GAACTGTGGCCACAGCTTCTGCCGGCACTGCTTAGCATTATGGTGGATGTCTTCAAAGAAAAACAGAGTGT
 CCAGAATGCAGAGAAAAATGGGAAGTTTTCCCAAAGTCAACATTCTCCTCAGGGACGCCATTGAAAAGT
 TATTTCTGATGCCATTAATGCGAGTTGAAGACATTACGAGAATAATGATGTAGTCCAAAGTCTTGC
 AGCCTTTCAGAAATATGGGAATGATCAAAATCCCTTAGCTCCAGCACAGGGAGAGTGAATCAGCAGAGA
 GGAGGGGATTCTTCTCCGGCTACTCACAGCTTAACTGGTGTGGCAGTCATCTGCTTGTGTACTACT
 GCGCAGCAGAGAGTCTGAGCATGGCCTCTGGTGCACAAGGCTGTAGACAAATGGACGACAGAAGAAGT
 TGTCTCTGGTTAGAACAGCTAGGCCCTTGGCCCTCACTGTACAGAGACAGGTTCTTATCTGAAAGAGTA
 AATGGAAGGTTACTTTTAACTTTGACAGAAGAAGAATTTCCAGGGCACCTTACACCATAGAAAACAGTA
 GCCACAGAAGAGTCATCCTCATGGAGCTGGAGCGCGTGAGAGCCCTGGGTGTGAAGCCACCACAGATCT
 CTGGGAATACAAGGCTGTCAACCCAGGCAGGTCCTCTGTTCTGCTCTACGCCCTCAAGAGCTCACCAAGA
 CTTGGCTTGCTATACCTGTACTTGTGTTGACTACACAGACTCCTTTCTACCCTTACACACCATCTGCC
 CTTTGCAGGAAGACAGCTTTGGCGAGGACATCTCACCAAGCTTCTGGACCTGAGGGAGCCACGTGGAA
 GCAGTGGAGAGAATTCTTATCAAGTACTCCTTCTCCCGTATCAGCTGATTGCAGAGTTGCTGGGAC
 TGGCTGGAGTCCACTACTGGACATCGCGCTTCTCATCGTCAATGCCATGCTGCTGTCTGTTCTGGAGT
 TGTCTCTTTTTGGAGGATCTGGTCAAGAAGCGAACTGAAGACAGTCCCCAGAGGATGTGGAGCCACTT
 TTGGAAAGTATCGACGCAGGGGCTTTTCATGGCCATGTTCTGGCCGCTCATTCTCAGTTTGTCTGCAAC
 TGTTTATTTTACTGGGCTCTGTACTTCAACCAATTATTAACATTGATCTGGTGGTCAAGGAAATCCGAC
 GGCTGGAACCCAAGTGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR204448 representing NM_001013125
 Red=Cloning site Green=Tags(s)

MEEPQKNDLSMRQEEDHPVRSSGPQISVSEFSCHCCYDTLVNPTTLNCGHSFCRHCLALWMSKKTEC
 PECREKWEFGPKVNILLRDAIEKLPDAIKMRVEDIQNNNDVVQSLAAFQKYGNDQNPAPSTGRVNQQR
 GGGFFSGVLTALTGAVAILLVYHWSRESEHGLLVHKAVDKWTTEEVVLWLEQLGPWASLYRDRFLSERV
 NGRLLLTLTEEF SRAPYTIENSSHRRVILMELERVRLGVKPPQNLWEYKAVNPGRSLFLLYALKSSPR
 LGLLYLFDYDTSFLPFIHTICPLQEDSFGEDIFTKLLDLREPTWKQWREFLIKYSFLPYQLIAEFAWD
 WLEVHYWTSRFLIVNAML SVLELFSFWRIWRSSELKTVPQRMWSHFVKVSTQGLFMAMFWPLIPQFVCN
 CLFYWALYFNPIINIDL VVKEIRRLETQVF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

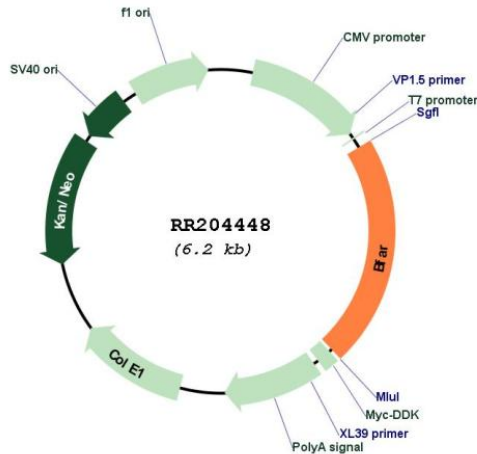
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001013125

ORF Size:

1350 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.

RefSeq: [NM_001013125.2](#)

RefSeq Size: 2768 bp

RefSeq ORF: 1353 bp

Locus ID: 304709

UniProt ID: [Q5PQN2](#)

Cytogenetics: 10q11

MW: 53 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]