

Product datasheet for **RR205376**

Bak1 (NM_053812) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bak1 (NM_053812) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Bak1
Synonyms: Bak
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR205376 representing NM_053812
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCATCCGGACAAGGACCAGGTCTCCCAAGGGGGACTGCGATGAGGCCCTGTCTGCTTCTGAACAGC
AAGTTGCCAGGACACAGAGGAGGTCTTTCGAAGCTACGTTTTTTACCTCCACCAGCAGGAACAAGAGAC
CCAGGGGGCAGCCGCCCTGCTAACCTGAGATGGACAACCTTGCCCTAGAACCCAACAGTGTCTTGGGT
CAGGTGGGTCCGGCAGCTTCTCATCGGAGACGATTAATCGGCGCTACGACACGGAGTTCAGAAATT
TACTGGAACAGCTTCAGCCCACCGCTGGGAATGCCTACGAACTCTTCACCAAGATCGCCTCCAGCCTATT
TAAGAGCGGCATCAGCTGGGGCCGTGTGGTGGCTCTCCTGGGCTTTGGCTACCGTCTGGCCCTGTATGTC
TACCAGCGTGGTTTACTGGCTTCTGGGCCAGGTGACCTGCTTTTTGGCTGATATCATACTACACCATT
ACATTGCCAGATGGATTGCACAGAGAGGTGGTTGGGTGGCAGCCCTGAGTTTGCCTAGAGACCCATCCT
GAGTGTAGTGGTAATTTTTGGTGTGGTTCTGTTGGCCAATTTGTGGTACACAGATTCTTCAGATCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR205376 representing NM_053812
Red=Cloning site Green=Tags(s)

MASGQGPQPPKGDCEALSASEQQVAQDTEEVFRSYVYFLHQEQEQETQGAAPANPEMDNLSLEPNSVLG
QVGRQLALIGDDINRRYDTEFQNLLEQLQPTAGNAYELFTKIASSLFSKSGISWGRVVALLGFGYRLALYV
YQRGLTGFLGQVTCFLADIILHHYIARWIAQRGGWVAALSLRRDPILSVVVIQGVVLLGQFVVHRFFRS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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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_053812.1](#), [NP_446264.1](#)

RefSeq Size: 1923 bp

RefSeq ORF: 630 bp

Locus ID: 116502

Cytogenetics: 20p12

MW: 23.2 kDa