

Product datasheet for MC208173

Bak1 (NM_007523) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bak1 (NM_007523) Mouse Untagged Clone
Tag: Tag Free
Symbol: Bak1
Synonyms: Bak; N-Bak; N-BAK1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208173 representing NM_007523
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCATCTGGACAAGGACCAGGTCCCCGAAGGTGGGCTGCGATGAGTCCCGTCCCCTTCTGAACAGC
 AGGTTGCCAGGACACAGAGGAGGTCTTTCGAAGCTACGTTTTTACCTCCACCAGCAGGAACAGGAGAC
 CCAGGGGGCGGCCGCCCTGCCAACCCGAGATGGACAACCTTGCCCTGGAACCAACAGCATCTTGGGT
 CAGGTGGGTGGCAGCTTGTCTCATCGGAGATGATTAACCGGCGCTACGACACAGATTCCAGAATT
 TACTAGAACAGCTTCAGCCACAGCCGGGAATGCCTACGAACTCTTCACCAAGATCGCCTCCAGCCTATT
 TAAGAGTGGCATCAGCTGGGGCCGCTGGTGGCTCTCCTGGGCTTTGGCTACCGTCTGGCCCTGTACGTC
 TACCAGCGTGGTTTGACCGGCTTCTGGGCCAGGTGACCTGCTTTTTGGCTGATATCATACTGCATCATT
 ACATCGCCAGATGGATCGCACAGAGAGGCGGTTGGGTGGCAGCCCTGAATTTTCGTAGAGACCCATCCT
 GACCGTAATGGTGATTTTTGGTGTGGTTCTGTTGGCCAATTCGTGGTACACAGATTCTTCAGATCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_007523
Insert Size: 630 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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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:	<ol style="list-style-type: none">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:	<u>NM_007523.2</u> , <u>NP_031549.2</u>
RefSeq Size:	2017 bp
RefSeq ORF:	630 bp
Locus ID:	12018
UniProt ID:	<u>O08734</u>
Cytogenetics:	17 A3.3
Gene Summary:	In the presence of an appropriate stimulus, accelerates programmed cell death by binding to, and antagonizing the anti-apoptotic action of BCL2.[UniProtKB/Swiss-Prot Function]