

Product datasheet for **RR212518**

Bax (NM_017059) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bax (NM_017059) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Bax
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR212518 representing NM_017059
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACGGGTCCGGGATCATCTCGGAGGCGGGCCACCAGCTCTGAACAGATCATGAAGACAGGGG
CCTTTTTGCTACAGGGTTTCATCCAGGATCGAGCAGAGAGGATGGCTGGGAGACACCTGAGCTGACCTT
GGAGCAGCCGCCAGGACGCATCCACCAAGAAGCTGAGCGAGTGTCTCAGGCGAATTGGCGATGAATG
GACAACAACATGGAGCTGCAGAGGATGATTGCTGATGTGGATACAGACTCCCGGAGAGGTCTTCTTCC
GTGTGGCAGCTGACATGTTTGCAGACGGCAACTCAACTGGGGCCGGTGGTTGCCCTTTTCTACTTTGC
TAGCAAATGGTCTCAAGGCCCTGTGCACTAAAGTGCCCGAGCTGATCAGAACCATCATGGGCTGGACA
CTGGACTTCTCCGGGAGCGGCTGCTTGTCTGGATCCAAGACCAGGGTGGCTGGGATGGCCTCCTTCTCCT
ACTTCGGGACCCACATGGCAGACAGTGACCATCTTTGTGGCTGGAGTCTCACTGCCTCACTCACCAT
CTGGAAGAAGATGGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR212518 representing NM_017059
Red=Cloning site Green=Tags(s)

MDGSGDHLGGGPTSSEQIMKTGAFLLQGFIQDRAERMAGETPELTLEQPPQDASTKKLSECLRRIGDEL
DNNMELQRMIADVDTDSPREVFVRVAADMFAADGNFNWGRVVALFYFASKLVLKALCTKVPPELIRTIMGWT
LDFLRERLLVWIQDQGGWDGLLSYFGTPTWQTVTIFVAGVLTASLTIWKKMG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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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_017059.2</u> , <u>NP_058755.2</u>
RefSeq Size:	865 bp
RefSeq ORF:	579 bp
Locus ID:	24887
Cytogenetics:	1q22
MW:	21.4 kDa
Gene Summary:	Bcl2-related gene; involved in the regulation of apoptotic cell death [RGD, Feb 2006]