

Product datasheet for **SC201645**

BAX (NM_004324) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: BAX (NM_004324) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: BAX
Synonyms: BCL2L4
ACCN: NM_004324
Insert Size: 731 bp
Insert Sequence: >SC201645 3'UTR clone of NM_004324

The sequence shown below is from the reference sequence of NM_004324. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTCTATAATGCGTTTTTCCTTACGTGTCTGATCAATCCCCGATTCACTACCCTGCTGACCTCCCAGTGA
CCCCGACCTCACTGTGACCTTGACTTGATTAGTGCCTTCTGCCCTCCCTGGAGCCTCCACTGCCTCTG
GAATTGCTCAAGTTCATTGATGACCCCTGACCCTAGCTCTTTCCTTTTTTTTTTTTTTTTCCCACTGAGA
AGGGGTCTCGCTATGTTGCCAGGTTGGTCTCGAACTCCTGGCCTCAAGCGATCCTCCCGCCTCAGCCT
CTCAAAGTGCTGGGATTACAGGTGTGAGCCACCATGCCTGGCCTGAGTCCAGCTCTTTAATGCCGTTC
ATCTCAGTCCCCTGCCCGCAATCCTGCCTTCTGGCCTCCTCCGTCCCTGATCCCGCCTCTGCCTGCCCA
GGGGCTGCCCTGGCCGAGTCACTGAAGCGACTGATGTCCCTGTCTCCAGGACGGCCTCCTCTCTACT
TTGGGACGCCACGTGGCAGACCGTGACCATCTTTGTGGCGGGAGTGCTCACCGCCTCACTACCATCT
GGAAGAAGATGGGCTGAGGCCCCAGCTGCCTTGGACTGTGTTTTTCTCCATAAATTATGGCATTTTT
CTGGGAGGGGTGGGATTGGGGACGTGGGCATTTTTCTTACTTTTGTAATTATTGGGGGTGTGGGGA
AGAGTGGTCTTGAGGGGGTAATAAACCTCCTTCGGGACACA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_004324.4
Summary:	The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. The association and the ratio of BAX to BCL2 also determines survival or death of a cell following an apoptotic stimulus. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene. [provided by RefSeq, Dec 2019]
Locus ID:	581
MW:	26