

## Product datasheet for SC202905

### BAX (NM\_138764) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	BAX (NM_138764) Human 3' UTR Clone
Symbol:	BAX
Synonyms:	BCL2L4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_138764
Insert Size:	192 bp
Insert Sequence:	<p>&gt;SC202905 3'UTR clone of NM_138764</p> <p>The sequence shown below is from the reference sequence of NM_138764. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

```

GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCCGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
TCACTCACCATCTGGAAGAAGATGGGCTAGGCCCCAGCTGCCTTGACTGTGTTTTCTCCATAAA
TTATGGCATTCTTCTGGAGGGGTGGGGATTGGGGGACGTGGGCATTTTCTTACTTTGTAAATTATTG
GGGGGTGTGGGAAGAGTGGTCTTGAGGGGGTAATAAACCTCCTTCGGGACACA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

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).
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:	<u>NM_138764.5</u>


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**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:**

7.2