

Product datasheet for **SC214989**

Bcl x (BCL2L1) (NM_138578) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Bcl x (BCL2L1) (NM_138578) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BCL2L1
Synonyms:	Bcl-X; BCL-XL/S; BCL2L; BCLX; PPP1R52
ACCN:	NM_138578
Insert Size:	1521 bp



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Insert Sequence: >SC214989 3'UTR clone of NM_138578
 The sequence shown below is from the reference sequence of NM_138578. 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
CTGCTGGGCTCACTCTTCAGTCGAAAATGACCAGACACTGACCATCCACTCTACCCTCCCACCCCTTC
TGTGCTCCACCACATCCCTCCGTCAGCCGCCATTGCCACAGGAGAACCCTACATGCAGCCCATGCC
ACCTGCCCATCACAGGTTGGGCCAGATCTGGTCCCTTGCGAGTAGTTTTCTAGAATTTATCACACTT
CTGTGAGACCCCCACACCTCAGTTCCTTGGCCTCAGAATTCACAAAATTTCCACAAAATCTGTCCAAA
GGAGGCTGGCAGGTATGGAAGGTTTGTGGCTGGGGCAGGAGGGCCCTACCTGATTGGTGAACCCCTT
ACCCCTTAGCCTCCCTGAAAATGTTTTCTGCCAGGGAGCTTGAAAGTTTTCAGAACCTCTTCCCAGA
AAGGAGACTAGATTGCCTTTGTTTTGATGTTTGGCCTCAGAATTGATCATTTTTCCCCACTCTCCC
CACACTAACCTGGTTCCCTTTCCATCCCTACCCCTAAGAGCCATTTAGGGGCCACTTTTGACT
AGGGATTAGGCTGCTTGGGATAAAGATGCAAGGACCAGGACTCCCTCCTCACCTCTGGACTGGCTAGA
GTCCTCACTCCCAGTCCAAATGTCTCCAGAAGCCTCTGGCTAGAGGCCAGCCCCACCCAGGAGGGAGG
GGGCTATAGTACAGGAAGCACCCTATGCCAAAGCTAGGGTGGCCCTTGCAAGTTCAGCACCACCCTAGT
CCCTTCCCCTCCCTGGCTCCCATGACCATACTGAGGGACCAACTGGGCCAAGACAGATGCCCCAGAGC
TGTTTATGGCCTCAGCTGCCTCACTTCTACAAGAGCAGCCTGTGGCATCTTTGCCTTGGGCTGCTCCT
CATGGTGGGTTACAGGGACTCAGCCCTGAGGTGAAAGGGAGCTATCAGGAACAGCTATGGGAGCCCCAG
GGTCTTCCCTACCTCAGGCAGGAAGGGCAGGAAGGAGAGCCTGCTGCATGGGGTGGGTAGGGCTGACT
AGAAGGGCCAGTCTGCCTGGCCAGGCAGATCTGTGCCCATGCCTGTCCAGCCTGGGCAGCCAGGCTG
CCAAGGCCAGAGTGGCTGGCCAGGAGCTTTCAGGCCTCCCTCTCTCTTCTGCTCCACCCTTGGCCTG
TCTCATCCCCAGGGTCCAGCCACCCGGGCTCTCTGCTGTACATATTTGAGACTAGTTTTTATTCCT
TGTGAAGATGATACTATTTTTGTTAAGCGTGTCTGTATTTATGTGTGAGGAGCTGCTGGCTTGCAGT
GCGCGTGCACGTGGAGAGCTGGTGCCCGGAGATTGGACGGCCTGATGCTCCCTCCCTGCCCTGGTCCA
GGGAAGCTGGCCGAGGCTCCTGGCTCCTGAGGGGCATCTGCCCTCCCCAACCCCCACCCACACTTG
TTCCAGCTCTTTGAAATAGTCTGTGTGAAGGTGAAAGTGCAGTTCAGTAATAAACTGTGTTACTCAGT
GAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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: [NM_138578.3](#)

Summary:

The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Alternative splicing results in multiple transcript variants encoding two different isoforms. The longer isoform acts as an apoptotic inhibitor and the shorter isoform acts as an apoptotic activator. [provided by RefSeq, Dec 2015]

Locus ID:

598

MW:

55.6