

Product datasheet for **SC203609**

BCL2A1 (NM_001114735) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BCL2A1 (NM_001114735) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BCL2A1
Synonyms:	ACC-1; ACC-2; ACC1; ACC2; BCL2L5; BFL1; GRS; HBPA1
ACCN:	NM_001114735
Insert Size:	297 bp
Insert Sequence:	>SC203609 3'UTR clone of NM_001114735 The sequence shown below is from the reference sequence of NM_001114735. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCCACAAGAAGAGGAAAATGGCTTTGTAAAGAAGTTTGAACCTAAATCTGGCTGGATGACTTTTCTAG AAGTTACAGGAAAGATCTGTGAAATGCTATCTCTCTGAAGCAATACTGTTGACCAGAAAGGACACTCC ATATTGTGAAACCGGCCTAATTTTTCTGACTGATATGAAACGATTGCCAACACATACTTCTACTTTTA AATAAACAACTTTGATGATGTAACCTTGACCTTCCAGAGTTATGGAATTTGTCCCATGTAATGAATA AATTGTATGATTTTTCTCTA ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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_001114735.2</u>



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Summary:

This gene encodes a member of the BCL-2 protein family. The proteins of this family form hetero- or homodimers and act as anti- and pro-apoptotic regulators that are involved in a wide variety of cellular activities such as embryonic development, homeostasis and tumorigenesis. The protein encoded by this gene is able to reduce the release of pro-apoptotic cytochrome c from mitochondria and block caspase activation. This gene is a direct transcription target of NF-kappa B in response to inflammatory mediators, and is up-regulated by different extracellular signals, such as granulocyte-macrophage colony-stimulating factor (GM-CSF), CD40, phorbol ester and inflammatory cytokine TNF and IL-1, which suggests a cytoprotective function that is essential for lymphocyte activation as well as cell survival. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 597

MW: 11.5