

Recombinant Full Length Human BCL2A1 Protein, GST-tagged

Cat. No. BCL2A1-1624HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BCL2A1 full-length ORF (NP_004040.1, 1 a.a. - 175 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	175 amino acids
Description	<p>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.</p> <p>[provided by RefSeq]</p>
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	46.5 kDa

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AA Sequence
 MTDCEFGYIY RLAQDYLCV LQIPQPGSGP SKTSRVLQNV AFSVQKEVEK
 NLKSCLDNVN VVSVDTARTL FNQVMEKEFE DGIINWGRIV TIFAFEGILI
 KKLLRQQIAP DVDTYKEISY FVAEFIMNNT GEWIRQNGGW ENGFVKKFEP
 KSGWMTFLEV TGKICEMLSL LKQYC

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [BCL2A1 BCL2-related protein A1 \[Homo sapiens \]](#)

Official Symbol [BCL2A1](#)

Synonyms BCL2A1; BCL2-related protein A1; HBPA1; bcl-2-related protein A1; ACC 1; ACC 2; BCL2L5; BFL1; GRS; bcl2-L-5; protein BFL-1; bcl-2-like protein 5; hematopoietic BCL2-related protein A1; hemopoietic-specific early response protein; ACC-1; ACC-2

Gene ID [597](#)

mRNA Refseq [NM_001114735](#)

Protein Refseq [NP_001108207](#)

MIM [601056](#)

UniProt ID [Q16548](#)

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