

## Recombinant Full Length Human BCL2L1 Protein, GST-tagged

Cat. No. BCL2L1-1592HF Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human BCL2L1 full-length ORF ( AAH19307, 1 a.a. - 233 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	233 amino acids
<b>Description</b>	<p>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. Two alternatively spliced transcript variants, which encode distinct isoforms, have been reported. The longer isoform acts as an apoptotic inhibitor and the shorter form acts as an apoptotic activator. [provided by RefSeq</p>
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	51.37 kDa

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**AA Sequence**

MSQSNRELVV DFLSYKLSQK GYSWSQFSDV EENRTEAPEG TESEMETPSA  
 INGNPSWHLA DSPAVNGATG HSSSLDAREV IPMAAVKQAL REAGDEFELR  
 YRRAFSDLTS QLHITPGTAY QSFEQVVNEL FRDGVNWGRI VAFFSFGGAL  
 CVESVDKEMQ VLVSRIAAMW ATYLNDHLEP WIQENGGWDT FVELYGNNA  
 AESRKGQERF NRWFLTGMTV AGVVLLGSLF SRK

**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** [BCL2L1 BCL2-like 1 \[ Homo sapiens \]](#)

**Official Symbol** [BCL2L1](#)

**Synonyms** BCL2L1; BCL2-like 1; bcl-2-like protein 1; Bcl X; bcl xL; bcl xS; BCL2L; BCLX; PPP1R52; protein phosphatase 1; regulatory subunit 52; apoptosis regulator Bcl-X; protein phosphatase 1, regulatory subunit 52; BCLXL; BCLXS; Bcl-X; bcl-xL; bcl-xS; BCL-XL/S; DKFZp781P2092

**Gene ID** [598](#)

**mRNA Refseq** [NM\\_001191](#)

**Protein Refseq** [NP\\_001182](#)

**MIM** [600039](#)

**UniProt ID** [Q07817](#)

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