

Recombinant Full Length Human BCL2L1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human BCL2L1 full-length ORF (AAH19307, 1 a.a. - 233 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	233 amino acids
Description	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]
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	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 VLVSRIAAWM ATYLNDHLEP WIQENGWDT 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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