

# Recombinant Full Length Human BCL2L11 Protein, GST-tagged

**Cat. No.** BCL2L11-1629HF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Human BCL2L11 full-length ORF ( ENSP00000309226, 1 a.a. - 109 a.a.) recombinant protein with GST-tag at N-terminal.

### Species

Human

### Source

In Vitro Cell Free System

### ProteinLength

109 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 protein encoded by this gene contains a Bcl-2 homology domain 3 (BH3). It has been shown to interact with other members of the BCL-2 protein family, including BCL2, BCL2L1/BCL-X(L), and MCL1, and to act as an apoptotic activator. The expression of this gene can be induced by nerve growth factor (NGF), as well as by the forkhead transcription factor FKHR-L1, which suggests a role of this gene in neuronal and lymphocyte apoptosis. Transgenic studies of the mouse counterpart suggested that this gene functions as an essential initiator of apoptosis in thymocyte-negative selection. Several alternatively spliced transcript variants of this gene have been identified. [provided by RefSeq]

### Form

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

### Molecular Mass

38.7 kDa

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<b>AA Sequence</b>	MAKQPSDVSS ECDREGRQLQ PAERPPQLRP GAPTSLQTEP QDRSPAPMSC DKSTQTPSP CQAFNHLYSA MASM RQA EPA DM RPEI WIAQ ELRRIGDEFN AYYARRLEK
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	BCL2L11 BCL2-like 11 (apoptosis facilitator) [ Homo sapiens ]
<b>Official Symbol</b>	BCL2L11
<b>Synonyms</b>	BCL2L11; BCL2-like 11 (apoptosis facilitator); bcl-2-like protein 11; BIM; BimEL; BimL; BOD; bcl2-L-11; bcl-2 interacting protein Bim; bcl-2-related ovarian death agonist; bcl-2 interacting mediator of cell death; BAM; BIM-beta6; BIM-beta7; BIM-alpha6
<b>Gene ID</b>	10018
<b>mRNA Refseq</b>	NM_001204106
<b>Protein Refseq</b>	NP_001191035
<b>MIM</b>	603827
<b>UniProt ID</b>	O43521

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