

# Recombinant Human BCL2-Like 11 (apoptosis facilitator), His-tagged

Cat. No. BCL2L11-6967H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human BCL2L11 protein, fused to His-tag at N-terminus, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-138aa
<b>Description</b>	BCL2L11 belongs to the Bcl-2 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 expression of BCL2L11 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.
<b>Form</b>	Liquid. In 20 mM Tris-HCl buffer, pH8.0, 2M Urea, 20% glycerol 5mM DTT, 300mM NaCl.
<b>Molecular Mass</b>	18.5 kDa (162aa)
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHMAKQPS DVSSECDREG RQLQPAERPP QLRPGAPTSL QTEPQDRSPA PMSCDKSTQT PSPPCQAFNH YLSAMASMRQ AEPADMRPEI WIAQELRRIG DEFNAYYARR VFLNNYQAAE DHPRMVILRL LRYIVRLVWR MH

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<b>Purity</b>	>80% by SDS - PAGE
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	0.5mg/ml (determined by Bradford assay)

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">BCL2L11 BCL2-like 11 (apoptosis facilitator) [ Homo sapiens ]</a>
<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>	<a href="#">10018</a>
<b>mRNA Refseq</b>	<a href="#">NM_001204106</a>
<b>Protein Refseq</b>	<a href="#">NP_001191035</a>
<b>MIM</b>	<a href="#">603827</a>
<b>UniProt ID</b>	<a href="#">O43521</a>
<b>Chromosome Location</b>	2q13

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**Pathway**

Activation of BH3-only proteins, organism-specific biosystem; Activation of BIM and translocation to mitochondria, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; BH3-only proteins associate with and inactivate anti-apoptotic BCL-2 members, organism-specific biosystem; Cell death signalling via NRAGE, NRIF and NADE, organism-specific biosystem;

**Function**

contributes\_to microtubule binding; microtubule binding; protein binding;

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