

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

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>80% by SDS - PAGE
Applications	SDS-PAGE
Storage	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.
Concentration	0.5mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	BCL2L11 BCL2-like 11 (apoptosis facilitator) [Homo sapiens]
Official Symbol	BCL2L11
Synonyms	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;
Gene ID	10018
mRNA Refseq	NM_001204106
Protein Refseq	NP_001191035
MIM	603827
UniProt ID	O43521
Chromosome Location	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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