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# Recombinant human BIM/BCL2L11 protein

Catalog Number: ATGP1661

# **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

1-138aa

#### **UniProt No.**

043521

#### **NCBI Accession No.**

NP 006529.1

#### **Alternative Names**

BCL2-like 11, BAM, BIM, BIM-alpha6, BIM-beta6, BIM-beta7, BimEL, BimL, BOD

# PRODUCT SPECIFICATION

## **Molecular Weight**

18.5 kDa (162aa)

#### Concentration

0.5mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 2M urea, 20% glycerol 5mM DTT, 300mM NaCl

#### **Purity**

> 80% by SDS-PAGE

#### Tag

His-Tag

#### **Application**

SDS-PAGE, Denatured

## **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **Description**

BCL2L11 (Bcl-2-like protein 11) 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. Isoform BimL and isoform BimS are the predominant isoforms and are ubiquitously expressed with a tissue-specific variation. Isoform Bim-gamma is most abundantly expressed in small intestine and colon, and in lower levels in



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spleen, prostate, testis, heart, liver and kidney. Recombinant human BCL2L11 protein, fused to His-tag at N-terminus, was expressed in E. coli.

# **Amino acid Sequence**

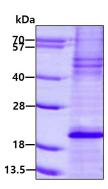
<MGSSHHHHHH SSGLVPRGSH MGSH>MAKQPS DVSSECDREG RQLQPAERPP QLRPGAPTSL QTEPQDRSPA
PMSCDKSTQT PSPPCQAFNH YLSAMASMRQ AEPADMRPEI WIAQELRRIG DEFNAYYARR VFLNNYQAAE DHPRMVILRL
LRYIVRLVWR MH

## **General References**

O'Connor L, et al. (1998). EMBO J 17 (2): 384-95. Liu J.-W., et al. (2002) Cancer Res. 62:2976-2981

# **DATA**

### **SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

