

Product information



BCL2L11, 1-138 aa

Human, His-tagged, Recombinant, *E.coli*

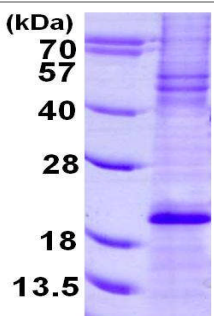
Cat. No. IBATGP1661

Full name: BCL2-like 11

NCBI Accession No.: NP_006529

Synonyms: BAM, BIM, BIM-alpha6, BIM-beta6, BIM-beta7, BimEL, BimL, BOD

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

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| <p>Form: Liquid. In 20 mM Tris-HCl buffer, pH8.0, 2M Urea, 20% glycerol 5mM DTT, 300mM NaCl</p> <p>Molecular Weight: 18.5kDa (162aa)</p> <p>Purity: > 80% by SDS - PAGE</p> <p>Concentration: 0.5mg/ml (determined by Bradford assay)</p> |  <p>15% SDS-PAGE (3ug)</p> |
| <p>Sequences of amino acids:</p> <p>MGSSHHHHHH SSGLVPRGSH MGSHEMAKQPS DVSSECDREG RQLQPAERPP QLRPGAPTSL QTEPQDRSPA PMSCDKSTQT PSPPCQAFNH YLSAMASMRQ AEPADMRPEI WIAQELRRIG DEFNAYYARR VFLNNYQAAE DHPRMVILRL LRYIVRLVWR MH</p> | |

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

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:
Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA
Phone: (888) 523-1246 Fax.: (763) 780-2988
Email: info@ibl-america.com Web: www.ibl-america.com