

## BCL2L11 recombinant protein

BCL2L11, 1-138aa, Human, His tag, E Coli (Denatured)

|                              |                       |                                 |
|------------------------------|-----------------------|---------------------------------|
| CATALOG #<br><b>AAA48762</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>SDS-Page</b> |
|------------------------------|-----------------------|---------------------------------|

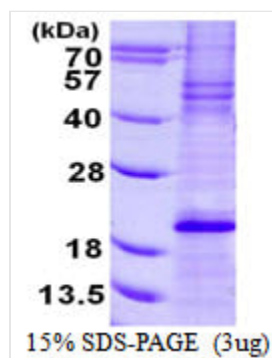
### PRODUCT SYNONYMS

BCL2L11; 1-138aa; Human; His tag; E Coli (Denatured); BCL2-like 11; BAM; BIM; BIM-alpha6; BIM-beta6; BIM-beta7; BimEL; BimL; BOD; BCL2L11 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                         |                                                                                                                                                                                        |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                    | E Coli                                                                                                                                                                                 |
| Purity/Purification                                     | > 80% by SDS-PAGE                                                                                                                                                                      |
| Form/Format                                             | Liquid. In 20 mM Tris-HCl Buffer, pH8.0, 2M urea, 20% glycerol 5mM DTT, 300mM NaCl                                                                                                     |
| Concentration                                           | 0.5 mg/ml (determined by Bradford assay) (varies by lot)                                                                                                                               |
| Sequence                                                | MGSSHHHHH SSGLVPRGSH MGSMAKQPS DVSSECDREG RQLQPAERPP QLRPGAPTS� QTEPQDRSPA<br>PMSCDKSTQT PSPPCQAFNH YLSAMASMRQ AEPADMRPEI WIAQELRRIG DEFNAYYARR VFLNNYQAAE<br>DHPRMVILRL LRYIVRLVWR MH |
| Sequence Length                                         | 138                                                                                                                                                                                    |
| Applicable Applications for BCL2L11 recombinant protein | SDS-PAGE                                                                                                                                                                               |
| Antigen Species                                         | Human                                                                                                                                                                                  |
| Tag Information                                         | His-tag                                                                                                                                                                                |
| Preparation and Storage                                 | Can be stored at 4 degree C short term (1-2 weeks).<br>For long term storage, aliquot and store at -20 degree C or -70 degree C.<br>Avoid repeated freezing and thawing cycles.        |

### IMAGES



SDS-PAGE

## ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for BCL2L11 recombinant protein | 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. |
| Product Categories/Family for BCL2L11 recombinant protein   | <a href="#">Apoptosis</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| References                                                  | O'Connor L, et al. (1998). EMBO J 17 (2): 384-95.; Liu J.-W., et al. (2002) Cancer Res. 62:2976-2981                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 5729740                                                                                        |
| NCBI GeneID                      | 10018                                                                                          |
| NCBI Accession #                 | NP_006529                                                                                      |
| NCBI GenBank Nucleotide #        | NM_006538.4                                                                                    |
| UniProt Accession #              | O43521; O43522; Q0MSE7; Q0MSE8; Q0MSE9; Q53R28; Q6JTU6; Q6T851; Q6TE14; Q6TE15; Q6TE16; A8K2W2 |
| Molecular Weight                 | 18.5kDa (162aa)                                                                                |
| NCBI Official Full Name          | bcl-2-like protein 11 isoform 6                                                                |
| NCBI Official Synonym Full Names | BCL2 like 11                                                                                   |
| NCBI Official Symbol             | BCL2L11                                                                                        |
| NCBI Official Synonym Symbols    | BAM; BIM; BOD                                                                                  |
| NCBI Protein Information         | bcl-2-like protein 11                                                                          |
| UniProt Protein Name             | Bcl-2-like protein 11                                                                          |
| UniProt Gene Name                | <b>BCL2L11</b>                                                                                 |
| UniProt Synonym Gene Names       | BIM; Bcl2-L-11                                                                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/bcl2l11-recombinant-protein-e-coli-sds-page/48762>