

Active Recombinant Human BCL2L11 Protein, His-tagged

Cat. No. BCL2L11-572H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BCL2L11 (Accession # NP_006529) Ala2-Arg120, fused with an N-terminal 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2-Arg120
Predicted N Terminal	His
Form	Supplied as a 0.2 µm filtered solution in HEPES-KOH, DTT, KCl and Glycerol.
Bio-activity	Measured by its ability to neutralize anti-apoptotic Bcl-2 family member inhibition of Recombinant Human BID Caspase-8-cleaved-mediated Cytochrome c release from isolated mitochondria. Release of Cytochrome c is quantified using the Rat/Mouse Cytochrome c Quantikine ELISA. The typical EC50 value in this assay is 0.1-2 µM. Optimal dose should be determined for each application.
Molecular Mass	Recombinant Human BCL2L11, His-tagged has a calculated MW of 14.3 kDa. In SDS-PAGE migrates as 16 kDa doublet, under reducing and non-reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

 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

lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

Reconstitution

Reconstitute at 50 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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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