


## Recombinant Human BCL2L1 protein(Met1-Arg212), His-tagged

**Cat. No.** BCL2L1-6872H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human BCL2L1 (NP_612815.1) (Met1-Arg212) was expressed in E. coli, fused with a polyhistidine tag at the C-terminus.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 1-212 a.a.   |
| <b>Form</b>             | Lyophilized from sterile 5mM Tris, 1% Glycerol, pH 8. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.   |
| <b>Bio-activity</b>     | 1. Measured by its binding ability in a functional ELISA. 2. Immobilized human BID at 10 µg/mL (100 µl/well) can bind biotinylated human BCL2L1, The EC50 of biotinylated human BCL2L1 is 7.1 ng/mL. 3. Immobilized mouse BID at 10 µg/mL (100 µl/well) can bind biotinylated human BCL2L1, The EC50 of biotinylated human BCL2L1 is 7.01 ng/mL. |
| <b>Molecular Mass</b>   | The recombinant human BCL2L1 consists of 222 amino acids and has a calculated molecular mass of 25.2 kDa. It migrates as an approximately 30.5 kDa band in SDS-PAGE under reducing conditions.   |
| <b>Purity</b>           | > 85 % as determined by SDS-PAGE   |

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**Storage** Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** BCL2L1 BCL2-like 1 [ Homo sapiens ]

**Official Symbol** BCL2L1

**Synonyms** BCL2L1; BCL2-like 1; bcl-2-like protein 1; Bcl X; bcl xL; bcl xS; BCL2L; BCLX; PPP1R52; protein phosphatase 1; regulatory subunit 52; apoptosis regulator Bcl-X; protein phosphatase 1, regulatory subunit 52; BCLXL; BCLXS; Bcl-X; bcl-xL; bcl-xS; BCL-XL/S; DKFZp781P2092;

**Gene ID** 598

**mRNA Refseq** NM\_001191

**Protein Refseq** NP\_001182

**MIM** 600039

**UniProt ID** Q07817

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