

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

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

SPECIFICATION

Product Overview	Recombinant Human BCL2L1 (NP_612815.1) (Met1-Arg212) was expressed in E. coli, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	E.coli
ProteinLength	1-212 a.a.
Form	Lyophilized from sterile 5mM Tris, 1% Glycerol, pH 8. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Purity	> 85 % as determined by SDS-PAGE

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For Research Use Only

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 [<i>Homo sapiens</i>]
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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