



[Go to Product page](#)

Datasheet for ABIN7533828

Bcl-2 Protein

Overview

Quantity:	100 µg
Target:	Bcl-2 (BCL2)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Active Recombinant Human Bcl-2 Protein
Sequence:	AHAGRTGYDN REIVMKYIHY KLSQRGYEWG AGDVGAAPPG AAPAPGIFSS QPGHTPHPAA SRDPVARTSP LQTPAAPGAA AGPALSPVPP VVHLTLRQAG DDFSRRYRRD FAEMSSLHL TPFTARGRFA TVVEELFRDG VNWGRIVAFF EFGGVMCVES VNREMSPLVD NIALWMTEYL NRHLHTWIQD NGGWDAFVEL YGPSMRPLFD
Specificity:	Ala2-Asp211
Purity:	> 90 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 1.0 EU/µg of the protein by LAL method.

Target Details

Target:	Bcl-2 (BCL2)
Alternative Name:	Bcl-2 (BCL2 Products)
Background:	Description: This protein is an integral outer mitochondrial membrane protein that blocks the

Target Details

apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma.

Name: BCL2, Bcl-2, PPP1R50, apoptosis regulator Bcl-2,Bcl-2,PPP1R50

Gene ID: 596

UniProt: [P10415](#)

Pathways: [MAPK Signaling](#), [PI3K-Akt Signaling](#), [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Regulation of Muscle Cell Differentiation](#), [Cell-Cell Junction Organization](#), [Skeletal Muscle Fiber Development](#), [Autophagy](#), [Smooth Muscle Cell Migration](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.22 µm filtered solution of 20 mM HEPES, 50 mM KCl, pH 7.5.

Storage: -80 °C

Storage Comment: This product is stable at $\leq -70^{\circ}$ C for up to 1 year from the date of receipt.
For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.
