

Catalog No.: RP00062 **Recombinant**

Species	Gene ID	Swiss Prot
Human	596	P10415

No tag

BCL2; Bcl-2; PPP1R50; apoptosis
regulator Bcl-2;Bcl-2;PPP1R50

Source	Purification
<i>E. coli</i>	≥ 90 % as determined by SDS-PAGE

23.18 kDa 25-30 kDa

< 1 EU/μg of the protein by LAL method.

Lyophilized from a 0.22 μ m filtered solution of 20mM HEPES,50mM KCl,pH 7.5.Contact us for customized product form or formulation.

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.

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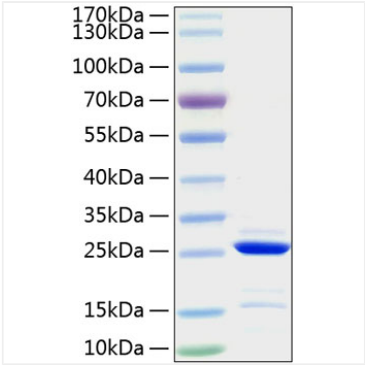
This protein is an integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma.

Recombinant Human Bcl-2 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Ala2-Asp211) of human BCL2 (Accession #NP_000624.2) fused with no tags.

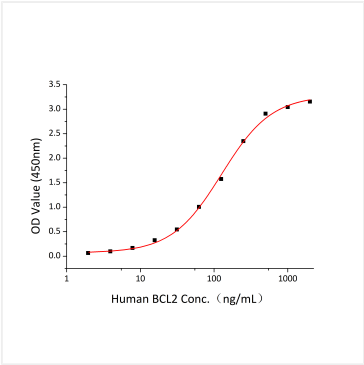
Measured by its binding ability in a functional ELISA. Immobilized Human BCL-XL Protein at 2 µg/mL (100 µL/well) can bind BCL2 (Catalog: RP00062) with a linear range of 1.95-126.76ng/mL.

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human Bcl-2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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