

## B-Cell Lymphoma Protein 2 Alpha Human Recombinant, His Tag

**Item Number** rAP-2844

**Synonyms** Apoptosis regulator Bcl-2, BCL2, B-cell CLL/lymphoma 2, Bcl-2.

**Description** BCL2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing amino acids 1-211 and having a molecular mass of 25.4 kDa. The BCL2 is fused to a 20 a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Uniprot Accesion Number** P10415

**Amino Acid Sequence** MGSSHHHHHH SSGLVPRGSH MAHAGRTGYD NREIVMKYIH YKLSQRGYEW DAGDVGAAPP GAAPAPGIFS SQPGHTPHPA ASRDPVARTS PLQTPAAPGA AAGPALSPVP PVVHLTLRQA GDDFSR-RYRR DFAEMSSQLH LTPFTARGRF ATVVEELFRD GVNWGRIVAF FEFGGVMCVE SVNREMSPLVDNIALWMTEY LNRHLHTWIQ DNGGWDAFVE LYGPSMRPLFD.

**Source** Escherichia Coli.

**Physical Appearance and Stability** Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Formulation and Purity** The BCL2 protein solution contains 20mM Tris-HCl, pH-8, 2mM DTT and 20% glycerol. Greater than 90.0% as determined by SDS-PAGE.

**Application**

**Solubility**

**Biological Activity**

**Shipping Format and Condition** Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**