

## B-Cell Leukemia/Lymphoma XL Mouse Recombinant

**Item Number** rAP-2827

**Synonyms** BclXL, Bcl-X(L), Bcl-XL.

**Description** Bcl-XL Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 211 amino acids, having an MW of 23.7kDa. The Bcl-XL is purified by proprietary chromatographic techniques.

**Uniprot Accesion Number**

**Amino Acid Sequence**

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SQSNRELVVD FLSYKLSQKG YSWSQFSDVE ENRTEAPEET EAEREETPSAI NGNPSWHLAD
SPA VNGATGH SSSL DAREVI PMAAVKQALR EAGDEFELRY RRAFSDLTSQ LHITPGTAYQ
SFEQVVNELF RDGVNWGRIV AFFSF GGALC VESVDKEMQV LVSRIASWMA TYLNDHLEPW
IQENG GWDTF VDLYGNAAA ESRKGQERFN R.

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**Source** Escherichia Coli.

**Physical Appearance and Stability** Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Bcl-XL although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Bcl-XL should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Formulation and Purity** Bcl-XL Mouse was lyophilized from a 0.2μm filtered concentrated solution in 1×PBS, pH 7.4 and 5% Trehalose. Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Application**

**Solubility** It is recommended to reconstitute the lyophilized Bcl-XL in sterile 18M-cm H<sub>2</sub>O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.

**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**