

## Bcl XL Mouse

**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.

**Catalog #:** PRPS-1369

For research use only.

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

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered White lyophilized (freeze-dried) powder.

**Amino Acid Sequence:** SQSNRELVDV FLSYKLSQKG YSWSQFSDVE ENRTEAPEET  
EAERETPSAI NGNPSWHLAD SPAVNGATGH SSSLDAREVI PMAAVKQALR EAGDEFELRY  
RRAFSDLTSQ LHITPGTAYQ SFEQVVNELF RDGVNWGRIV AFFSFGGALC VESVDKEMQV  
LVSRIASWMA TYLNDHLEPW IQENGGWDTF VDLYGNNAAA ESRKGQERFN R.

**Purity:** Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Formulation:**

Bcl-XL Mouse was lyophilized from a 0.2

**Stability:**

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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Solubility:**

It is recommended to reconstitute the lyophilized Bcl-XL in sterile 18M-cm H<sub>2</sub>O not less than 100

**Introduction:**

Bcl-XL is a transmembrane protein located in the mitochondrial membranes of cells that are long-lived and postmitotic, such as adult brain cells. It plays a role in the signal transduction pathway of the FAS-Ligand. Bcl-XL is an anti-apoptotic protein which is a member of the Bcl-2 family which are able to form heterodimers, and this is a significant event in the regulation of apoptosis. BCL-XL is involved in the survival of cancer cells. Bcl-xL is the leading monitor of apoptosis/active cell suicide. Bcl-xL has cell death repressor activity and therefore acts as a survival protein.

**To place an order, please [Click HERE](#).**