

## 32-3321: mBcl-XL Recombinant Protein

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

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

<b>Amount :</b>	50 µg
<b>Purification :</b>	Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Content :</b>	Bcl-XL Mouse was lyophilized from a 0.2µm filtered concentrated solution in 1xPBS, pH 7.4 and 5% Trehalose.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	SQSNRELVVD FLSYKLSQKG YSWSQFSDVE ENRTEAPEET EAERETPSAI NGNPSWHLAD SPAVNGATGH SSSLDAREVI PMAAVKQALR EAGDEFELRY RRAFSDLTSQ LHITPGTAYQ SFEQVVNELF RDGVNWGRIV AFFSFGGALC VESVDKEMQV LVSRIASWMA TYLNDHLEPW IQENGGWDTF VDLYGNNAEA ESRKQGQERFN R.

### Application Note

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.

