

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

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

Application Note

It is recommended to reconstitute the lyophilized Bcl-XL in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

