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Bcl XL Mouse

Catalog #:PRPS-1369

For research use only.

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.

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

Source: Escherichia Coli.

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

Amino Acid Sequence:SQSNRELVVD 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 althoμgh 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 drμgs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:
It is recommended to reconstitute the lyophilized Bcl-XL in sterile 18M-cm H2O 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 arole 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 an 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.

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