



Catalog Number: PR27256

Product Type: Recombinant Protein

Source: *E. Coli*

Description/Molecular Mass: 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.

Bcl-XL Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing amino acids 1-210.

The Bcl-XL is purified by proprietary chromatographic techniques.

Purity: Greater than 95.0% as determined by:
(a) Analysis by SDS-PAGE.

Format: The protein contains 10mM Tris-HCl pH-8, 1mM EDTA and 250mM NaCl.

Storage: Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

FOR RESEARCH USE ONLY

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