

32-3303: Bcl-2 (1-206 a.a.) Recombinant Protein

Alternative Name : Apoptosis regulator Bcl-2,BCL2,B-cell CLL/lymphoma 2,Bcl-2.

Description

Source : Escherichia Coli. Bcl-2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing amino acids 1-206. The wild type Bcl-2 is missing 12 amino acids from C-terminus. C-terminus is fused to His-Tag. C-terminus his-tag, mimics the deleted C-terminus membrane domain thus maintaining its biological activity. Bcl-2 is purified by proprietary chromatographic techniques. BCL2 gene encodes an integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Two transcript variants, produced by alternate splicing, differ in their C-terminal ends.

Product Info

Amount : 10 µg
Purification : Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content : The protein contains 10mM Tris-HCl pH-8, 1mM EDTA and 250mM NaCl.
Storage condition : Lyophilized Bcl-2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Bcl-2 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.

Application Note

Suspend Bcl-2 in 100ul of 0.5M Acetic acid, over night at 4°C.