



Catalog Number: PR27249

Product Type: Recombinant Protein

Source: *E. Coli*

Amino Acid Sequence: AHAGRTGYDN REIVMKYIHY KLSQRGYEWD AGDVGAAPPG AAPAPGIFSS QPGHTPHPAA SRDPVARTSP LQTPAAPGAA AGPALSPVPP VVHLTLRQAG DDFSRRYRRD FAEMSSQLHL TPFTARGRFA TVVEELFRDG VNWGRIVAFF EFGGVMCVES VNREMSPLVD NIALWMTEYL NRHLHTWIQD NGGWDAFVEL YGPSMRPLFD

Description/Molecular Mass: 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.

Purity: Recombinant Human BCL2 produced in *E. coli* cells is a non-glycosylated, homodimeric protein containing 210 amino acid chain and having a molecular mass of 23.2kDa. The Human BCL2 is purified by proprietary chromatographic techniques.

Greater than 95.0% as determined by:

(a) Analysis by SDS-PAGE.

(b) Analysis by RP-HPLC.

Format: BCL2 is a 0.2µm filtered concentrated solution which contains 25 mM Tris-HCl, pH 8.0, 100mM NaCl, 1 mM DTT, 30 % Glycerol, and 0.01% Tween-80.

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.

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