
Product Data Sheet

Product Name: BCL2 Human
 Cat. No.: GP22848
 Batch No.: 1

Product Data

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|---------------------|---|--------------------|-------------------------|
| Purity | >98% | Source | Escherichia Coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | Apoptosis regulator Bcl-2; BCL2; B-cell CLL/lymphoma 2; Bcl-2. | | |
| Amino Acid Sequence | AHAGRTGYDN REIVMKYIHY KLSQRGYEWG AGDVGAAPPG AAPAPGIFSS QPGHTPHPA SRDPVARTSP LQTPAAPGAA AGPALSPVPP VVHLTLRQAG DDFSRRYRRD FAEMSSQLHL TPFTARGRFA TVVEELFRDG VNWGRIVAFF EFGGVMCVES VNREMSPLVD NIALWMTEYL NRHLHTWIQD NGGWDAFVEL YGPSMRPLFD | | |
| Formulation | 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. | | |

Introduction

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.

Stability

BCL2 although stable at room temperature for 3 weeks, should be stored at 4°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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