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## Product Data Sheet

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Product Name: BCL2 Human, His  
 Cat. No.: GP22854  
 Batch No.: 1

### Product Data

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	MGSSHHHHHH SGLVPRGSH MAHAGRTGYD NREIVMKYIH YKLSQRGYEW DAGDVGAAPP GAAPAGIFS SQPGHTPHPA ASRDPVARTS PLQTPAAPGA AAGPALSPVP PVVHLTLRQA GDDFSRRYRR DFAEMSSQLH LTPFTARGRF ATVVEELFRD GVNWGRIVAF FEEGGVMCVE SVNREMSPLV DNIALWMTEY LNRHLHTWIQ DNGGWDAFVE LYGPSMRPLF D.		
Formulation	The BCL2 protein solution contains 20mM Tris-HCl, pH-8, 2mM DTT and 20% glycerol.		

### 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

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.

### Background

BCL2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing amino acids 1-211 and having a molecular mass of 25.4 kDa. The BCL2 is fused to a 20 a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques.

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

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