

Recombinant Human B-cell CLL/lymphoma 2, GST-tagged

Cat. No. BCL2-5298H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human BCL2 was expressed in vitro Wheat Germ expression system.
Species	Human
Source	Wheat Germ
Description	Recombinant Human BCL2 (aa 140-239) partial protein with N-terminal GST Tag has a Gene ID of BCL2 (596). This 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.
Form	Sterile filtered liquid in a buffer of 50 mM Tris-HCl + 10 mM reduced Glutathione, pH 8.0.
Molecular Weight	37 kDa
Concentration	0.036 mg/ml
Applications	Western Blot; ELISA; Antibody Production; Array
Storage	Stable for 1 year in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.
Official Symbol	BCL2

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GENE INFORMATION

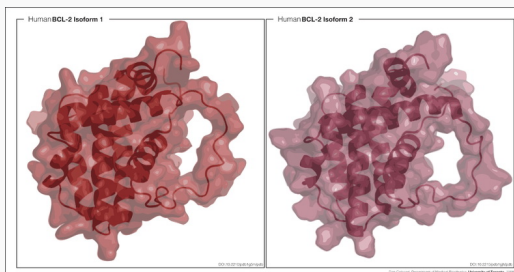
Gene Name	BCL2 B-cell CLL/lymphoma 2 [Homosapiens]
Synonyms	BCL2; B-cellCLL/lymphoma 2; Bcl-2; PPP1R50; apoptosis regulator Bcl-2; proteinphosphatase 1, regulatory subunit 50
Gene ID	596
mRNA Refseq	NM_000633
Protein Refseq	NP_000624
MIM	151430
UniProt ID	P10415
Chromosome Location	18q21.3
Pathway	ATF-2 transcriptionfactor network; Activation of BH3-only proteins; Apoptosis; B Cell Receptor SignalingPathway; C-MYB transcription factor network; Cholinergic synapse; Colorectalcancer; Direct p53 effectors; EPO signaling pathway; Focal Adhesion; IL-2Signaling Pathway; Immune System; Prostate cancer; Small cell lung cancer; Toxoplasmosis
Function	BH3 domain binding; channelactivity; identical protein binding; protease binding; protein binding; proteinheterodimerization activity; protein homodimerization activity; proteinphosphatase 2A binding; sequence-specific DNA binding; transcription factorbinding; ubiquitin protein ligase binding

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**PDBrendering based
on 1GJH, 1G5M.**



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