

Recombinant Human BCL2, His-tagged

Cat. No. BCL2-27441TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1-218 of Human Bcl2, non-glycosylated with His-tag.
Species	Human
Source	E.coli
ProteinLength	1-218 a.a.
Description	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.
Conjugation	HIS
Tissue specificity	Expressed in a variety of tissues.
Form	Lyophilised: Resuspend product in 100ul of 10% Acetic acid (Glacial), over night at 4°C.
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 250mM Sodium chloride, 10mM Tris HCl, 1mM

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	EDTA, pH 8
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the Bcl-2 family.
GENE INFORMATION	
Gene Name	BCL2 B-cell CLL/lymphoma 2 [Homo sapiens]
Official Symbol	BCL2
Synonyms	BCL2; B-cell CLL/lymphoma 2; apoptosis regulator Bcl-2; Bcl 2; PPP1R50; protein phosphatase 1; regulatory subunit 50;
Gene ID	596
mRNA Refseq	NM_000633
Protein Refseq	NP_000624
Uniprot ID	P10415
Chromosome Location	18q21.3
Pathway	ATF-2 transcription factor network, organism-specific biosystem; Activation of BAD and translocation to mitochondria, organism-specific biosystem; Activation of BH3-only proteins, organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem;

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Function

BH3 domain binding; channel activity; identical protein binding; protease binding; protein binding;

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