

Recombinant Human BCL2, His-tagged

Cat. No. BCL2-26613TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1-211 of Human Bcl2 with N terminal His tag; 231 amino acids, 25.4 kDa.
Species	Human
Source	E.coli
ProteinLength	1-211 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	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, 2mM DTT, pH 8.0

 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

Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MAHAGRTGYD NREIVMKYIH YKLSQRGYEW DAGDVGAAPP GAAPAGIFS SQPGHTPHPA ASRDPVARTS PLQTPAAPGA AAGPALSPVP PVVHLTLRQA GDDFSRRYRR DFAEMSSQLH LTPFTARGRF ATVVEELFRD GVNWGRIVAF FEEGGVMCVE SVNREMSPLV DNIALWMTEY LNRHLHTWIQ DNGGWDAFVE LYGPSMRPLF D
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;
Function	BH3 domain binding; channel activity; identical protein binding; protease binding; protein binding;

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