

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

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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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