Recombinant Human BCL2L2, His-tagged

Cat. No. BCL2L2-10183H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BCL2L2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-171a.a.
Description	This gene encodes a member of the BCL-2 protein family. The proteins of this family form hetero- or homodimers and act as anti- and pro-apoptotic regulators. Expression of this gene in cells has been shown to contribute to reduced cell apoptosis under cytotoxic conditions. Studies of the related gene in mice indicated a role in the survival of NGF- and BDNF-dependent neurons. Mutation and knockout studies of the mouse gene demonstrated an essential role in adult spermatogenesis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring downstream PABPN1 (poly(A) binding protein, nuclear 1) gene.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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GENE INFORMATION

Gene Name	BCL2L2 BCL2-like 2 [Homo sapiens]
Official Symbol	BCL2L2
Synonyms	BCL2L2; BCL2-like 2; bcl-2-like protein 2; BCL W; KIAA0271; PPP1R51; protein phosphatase 1; regulatory subunit 51; apoptosis regulator BCL-W; protein phosphatase 1, regulatory subunit 51; BCLW; BCL-W; BCL2-L-2;
Gene ID	599
mRNA Refseq	NM_001199839
Protein Refseq	NP_001186768
MIM	601931
UniProt ID	Q92843
Chromosome Location	14q11.2-q12
Pathway	Apoptosis, organism-specific biosystem; Direct p53 effectors, organism-specific biosystem;
Function	protein binding;

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