

Recombinant Human BCL2L2 Protein

Cat. No. BCL2L2-863H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BCL2L2(Met1-Thr172) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-172 a.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.
Form	25mM HEPES, 100mM KCl, 20% Glycerol, pH 7.5. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	19.9 kDa
Endotoxin	< 0.1 EU per g protein as determined by LAL test

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Purity >95% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

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

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