

Recombinant Human BCL2L2 protein

Cat. No. BCL2L2-1588H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BCL2L2 protein was expressed in Escherichia coli.
Species	Human
Source	E.coli
ProteinLength	171
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	0.2µm Filtered concentrated solution in 25 mM Hepes, pH 7.4, 100 mM KCl, 10 % Glycerol, 5 % Trehalose, 0.02 % Tween-80.
Molecular Mass	Approximately 18.6 kDa, a single non-glycosylated polypeptide chain containing 171 amino acids.
AA Sequence	ATPASAPDTRALVADFVGYKLRQKGYVCGAGPGEGPAADPLHQAMRAAGDEFETR

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FRRTFSDLAQLHVTPGSAQQRFTQVSEDLFQGGPNWGRLVAFFVFGAALCAESV
NKEMEPLVGQVQEWMVAYLETQLADWIHSSGGWAEFTALYGDGALEEARRLREG
NWASVRT

Endotoxin Less than 1 EU/g of rHuBcl-w as determined by LAL method.

Purity >95% by SDS-PAGE and HPLC analysis.

Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 6 months from date of receipt, -20 to -70 centigrade as supplied. 3 months, -20 to -70 centigrade under sterile conditions after opening.

GENE INFORMATION

Gene Name BCL2L2

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

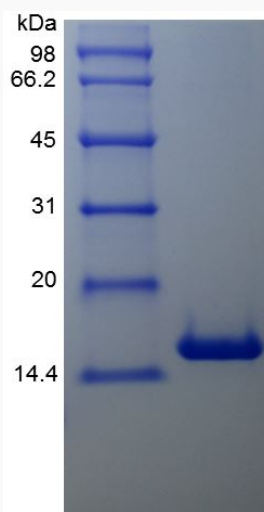
UniProt ID Q92843

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**SDS-PAGE of
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