

[Go to Product page](#)

Datasheet for ABIN1096092

BCL2L2 Protein (AA 2-172) (His tag)

Overview

Quantity:	50 µg
Target:	BCL2L2
Protein Characteristics:	AA 2-172
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCL2L2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Bcl-2-Like Protein 2/BCL2L2 (C-6His)
Sequence:	ATPASAPDTR ALVADFGYK LRQKGVC GA GPGEPAADP LHQAMRAAGD EFETRFRTF SDLAAQLHVT PGSAQQRFTQ VSDELFQGGP NWGRLVAFFV FGAALCAESV NKEMEPLVGQ VQEWVMVAYLE TRLADWIHSS GGWAEFTALY GDGALEEARR LREGNWASVR TLEHHHHHHH
Characteristics:	Recombinant Human Bcl-2-Like Protein 2/BCL2L2 is produced with our E. coli expression system. The target protein is expressed with sequence (Met1-Thr172) of Human BCL2L2.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	BCL2L2
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Target Details

Alternative Name:	Bcl-2-Like Protein 2/BCL2L2 (BCL2L2 Products)
Background:	<p>Bcl-2-like protein 2 (BCL2L2) belongs to the Bcl-2 family. BCL2L2 is highly expressed in the brain, spinal cord, testis, pancreas, heart, spleen, and mammary glands. BCL2L2 is a peripheral membrane protein containing three motifs, BH1, BH2 and BH4. The BH4 motif appears to be involved in the anti-apoptotic function. The BH1 and BH2 motifs form a hydrophobic groove which acts as a docking site for the BH3 domain of some pro-apoptotic proteins. BCL2L2 promotes cell survival and blocks dexamethasone-induced apoptosis. Furthermore, BCL2L2 mediates survival of postmitotic Sertoli cells by suppressing death-promoting activity of BAX.</p> <p>Alternative Names: Bcl-2-Like Protein 2, Bcl2-L-2, Apoptosis Regulator Bcl-W, BCL2L2, BCLW, KIAA0271</p>
Molecular Weight:	19.87 kDa
UniProt:	Q92843

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Supplied as a 0.2 µm filtered solution of 25 mM HEPES, 100 mM KCl, 20 % Glycerol, pH 7.5.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	<p>Store at < -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p>
Expiry Date:	6 months