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Datasheet for ABIN7319690 **BCL2L1 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	BCL2L1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCL2L1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human BCL2L1/Bcl-XL Protein (His Tag)
Sequence:	Met1-Arg212
Characteristics:	Recombinant Human BCL2L1 is produced by our E.coli expression system and the target gene encoding Met1-Arg212 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	BCL2L1
Alternative Name:	BCL2L1/Bcl-XL (BCL2L1 Products)
Background:	Background: Bcl-2-Like Protein 1 (BCL2L1) is a member of the Bcl-2 family. BCL2L1 is expressed at high levels in cells that undergo a high rate of turnover, such as developing lymphocytes. BCL2L1 is a mitochondrial membrane protein. BCL2L1 contains four motifs, BH1,

Target Details

BH2 and BH4. The BH4 motif is required for anti-apoptotic activity. The BH1 and BH2 motifs are required for both heterodimerization with other Bcl-2 family members and for repression of cell death. BCL2L1 regulates cell death by blocking the voltage-dependent anion channel (VDAC) and preventing the release of the caspase activator, CYC1, from the mitochondrial membrane. In addition, BCL2L1 promotes apoptosis.

Synonym: Bcl-2-Like Protein 1, Bcl2-L-1, Apoptosis Regulator Bcl-X, Bcl-X,bcl-xL,BCL-XL/S,bcl-xS,BCL2L,BCLX,BCLXL,BCLXS,PPP1R52

Molecular Weight: 24.85 kDa

UniProt: [Q07817](#)

Pathways: [Apoptosis](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM HEPES, 50 mM KCl, 20 % Glycerol, pH 7.5.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.