Datasheet for ABIN7092729

BCL2L1 Protein (AA 1-212) (Fc Tag)

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Overview

Quantity:	100 µg
Target:	BCL2L1
Protein Characteristics:	AA 1-212
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCL2L1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human BCL2L1 protein with C-terminal human Fc tag
Specificity:	BCL2L1 (Met1-Arg212) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	BCL2L1
Alternative Name:	BCL2L1 (BCL2L1 Products)
Background:	The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members

Target Details

	form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Alternative splicing results in multiple transcript variants encoding two different isoforms. The longer isoform acts as an apoptotic inhibitor and the shorter isoform acts as an apoptotic activator. [provided by RefSeq, Dec 2015]
Molecular Weight:	predicted molecular mass of 49.9 kDa after removal of the signal peptide.The apparent molecular mass of BCL2L1-hFc is 55-70 kDa due to glycosylation.
UniProt:	Q07817
Pathways:	Apoptosis, Negative Regulation of intrinsic apoptotic Signaling

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months

