

Datasheet for ABIN667734

Bcl-2 Protein (AA 1-211) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Bcl-2 (BCL2)
Protein Characteristics:	AA 1-211
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Bcl-2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Bcl-2, 1-211 aa, Human, His-tagged, Recombinant, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	Bcl-2 (BCL2)
Alternative Name:	Bcl-2 (BCL2 Products)
Background:	Bcl-2, also known as B-cell lymphoma protein 2 alpha, is an anti-apoptotic protein located primarily in the outer mitochondrial membrane that blocks the apoptotic death of some cells such as lymphocytes. BCL-2 is thought to regulate cell death by controlling the mitochondrial membrane permeability during apoptosis. Bcl-2 exerts its anti-apoptotic function through inhibiting caspase activity either by preventing the release of cytochrome c from the

Target Details

mitochondria and/or by binding to the apoptosis-activating factor (APAF-1). The Bcl-2 gene has been related with a number of cancers, including melanoma, breast, prostate, and lung carcinomas, as well as schizophrenia and autoimmunity. Recombinant Bcl-2 protein was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer. Synonyms: B-cell lymphoma protein 2 alpha , B-cell lymphoma protein 2 alpha Apoptosis regulator Bcl 2, Apoptosis regulator Bcl2, AW986256, B cell CLL/lymphoma 2, B cell leukemia/lymphoma 2, Bcl-2, Bcl2, C430015F12Rik, D630044D05Rik, D830018M01Rik, Leukemia/lymphoma, B-cell, 2, Oncogene B-cell leukemia 2. NCBI no.: NP_000624

Molecular Weight: 25.4 kDa (231 aa), confirmed by MALDI-TOF.

Pathways: [MAPK Signaling](#), [PI3K-Akt Signaling](#), [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Regulation of Muscle Cell Differentiation](#), [Cell-Cell Junction Organization](#), [Skeletal Muscle Fiber Development](#), [Autophagy](#), [Smooth Muscle Cell Migration](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Restrictions: For Research Use only

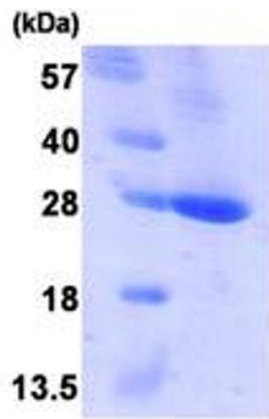
Handling

Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 20% glycerol 2 mM DTT

Storage: 4 °C



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.