

Product Information

MemDX™ Membrane Protein Human BCL2L1 (BCL2 like 1) Full Length

Cat. No.: **MPC1096K**

This product is for research use only and is not intended for diagnostic use.

This product is a 26 kDa Human BCL2L1 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

BCL2L1

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

26 kDa

TMD

1

Sequence

MSQSNRELVVDFLSYKLSQKGYSWSQFSDVEENRTEAPEGTESEMETPSA
INGNPSWHLADSPA VNGATGHSSLDAREVIPMAAVKQALREAGDEFELR
YRRAFSDLTSQLHITPGTAYQSFEQVVNELFRDGVNWGRIVAFFSFGGAL
CVESVDKEMQVLVSRIA AWMATYLNDHLEPWIQENGWDTFVELYGNNA
AESRKGQERFNRWFLTGMTVAGVVLGSLFSRK

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

BCL2L1

Full Name

BCL2 like 1

Introduction

The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members 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.

Alternative Names

BCL2L1; BCLX; BCL2L; Bcl-X; PPP1R52; BCL-XL/S; bcl-2-like protein 1; apoptosis regulator Bcl-X; protein phosphatase 1, regulatory subunit 52; BCL2 like 1

Gene ID

[598](#)

UniProt ID

[Q07817](#)