

Product Information

MemDX™ Membrane Protein Human BCL2L2 (BCL2 like 2) expressed in E. coli for Antibody

Discovery

Cat. No.: **MP0012Q**

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

This product is a 20.9 kDa Human BCL2L2 membrane protein expressed in E. coli. 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

BCL2L2

Protein Length

Partial

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

20.9 kDa

Sequence

MGSSHHHHHHSSGLVPRGSH

MATPASAPDTRALVADFVGYKLRQKGYVCGAGPGEGPAADPLHQAMRAAGDEFETRFRRTFSDLAAQLHV

TPGSAQQRFTQVSEDLFQGGPNWGRLVAFFVFGAALCAESVNKEMEPLVGQVQEWVMVAYLETRLADWIHSSGGWAEFTALYGD

RLREGNWASVRT

Product Description

Expression Systems

E. coli

Tag

His

Form

Powder

Purification

Conventional chromatography

Purity

>95% by SDS - PAGE

Buffer

20 mM Tris-HCl buffer (pH 7.5) containing 100 mM NaCl, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

BCL2L2

Full Name

BCL2 like 2

Introduction

This gene encodes a member of the BCL-2 protein family. The proteins of this family form hetero- or homodimers and act as anti- and pro-apoptotic regulators. Expression of this gene in cells has been shown to contribute to reduced cell apoptosis under cytotoxic conditions. Studies of the related gene in mice indicated a role in the survival of NGF- and BDNF-dependent neurons. Mutation and knockout studies of the mouse gene demonstrated an essential role in adult spermatogenesis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring downstream PABPN1 (poly(A) binding protein, nuclear 1) gene.

Alternative Names

BCL-W; BCL2-L-2; BCLW; PPP1R51;bcl-2-like protein 2; protein phosphatase 1; regulatory subunit 51; Bcl2-L-2; Apoptosis regulator Bcl-W

Gene ID

[599](#)

UniProt ID

[Q92843](#)