

## Product Information

### MemDX™ Membrane Protein Human BCL2L10 (BCL2 like 10) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX1324K**

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

This product is a Human BCL2L10 membrane protein expressed *in vitro* *E.coli* expression system. 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

BCL2L10

##### Protein Length

Full Length

##### Protein Class

Receptor

##### TMD

1

##### Sequence

MADPLRERTELLLADYLGYCAREPGTPEPAPSTPEAAVLRSAAARLRQIHRSSFFSAYLGYPGNRFELVALMADSVLSDSPGPTWGR

#### Product Description

##### Expression Systems

*in vitro* *E.coli* expression system

##### Tag

10xHis tag at the N-terminus

##### Protein Format

Soluble

##### Form

Liquid or Lyophilized powder

##### Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

### **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**

BCL2L10

#### **Full Name**

BCL2 like 10

#### **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 protein encoded by this gene contains conserved BH4, BH1 and BH2 domains. This protein can interact with other members of BCL-2 protein family including BCL2, BCL2L1/BCL-X(L), and BAX. Overexpression of this gene has been shown to suppress cell apoptosis possibly through the prevention of cytochrome C release from the mitochondria, and thus activating caspase-3 activation. The mouse counterpart of this protein is found to interact with Apaf1 and forms a protein complex with Caspase 9, which suggests the involvement of this protein in APAF1 and CASPASE 9 related apoptotic pathway.

#### **Alternative Names**

BCL2L10; Boo; Diva; BCL-B; bcl2-L-10; bcl-2-like protein 10; BCL2-like 10 (apoptosis facilitator); anti-apoptotic protein NrH; apoptosis regulator Bcl-B; death inducer binding to vBcl-2 and Apaf-1; BCL2 like 10

#### **Gene ID**

[10017](#)

#### **UniProt ID**

[Q9HD36](#)