

# Product Information

## **MemDX™ Membrane Protein Escherichia coli MCL1 (MCL1 apoptosis regulator, BCL2 family member) for Antibody Discovery**

Cat. No.: **MP0689X**

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

This product is a 37.2 kDa Escherichia coli MCL1 membrane protein expressed in Escherichia 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**

Escherichia coli

#### **Target Protein**

MCL1

#### **Protein Length**

Full-length

#### **Molecular Weight**

37.2 kDa

#### **TMD**

1

#### **Sequence**

MGSSHHHHHHSSGLVPRGSHMFGLKRNAVIGLNLYCGGAGLGAGSGGATRPGGRLATEKEASARREIGGGEAGAVIGGSAGAS

### Product Description

#### **Application**

SDS-PAGE

#### **Expression Systems**

Escherichia coli expression system

#### **Form**

Liquid

#### **Purity**

> 90% by SDS - PAGE

#### **Buffer**

20 mM Tris-HCl buffer, 0.2 M NaCl, pH 8.0 (20% glycerol, 2 mM DTT)

### Storage

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

### Target

#### Target Protein

MCL1

#### Full Name

MCL1 apoptosis regulator, BCL2 family member

#### Introduction

This gene encodes an anti-apoptotic protein, which is a member of the Bcl-2 family. Alternative splicing results in multiple transcript variants. The longest gene product (isoform 1) enhances cell survival by inhibiting apoptosis while the alternatively spliced shorter gene products (isoform 2 and isoform 3) promote apoptosis and are death-inducing

#### Alternative Names

TM; EAT; MCL1L; MCL1S; Mcl-1; BCL2L3; MCL1-ES; bcl2-L-3; mcl1/EAT

#### Gene ID

[4170](#)

#### UniProt ID

[Q07820](#)