

## 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

MGSSHHHHHSSGLVPRGSHMFGKRNAGLNLVCGGAGLGAGSGGATRPGGRLATEKEASARREIGGGEAGAVIGGSAGA

#### 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](#)