

# Product Information

## MemDX™ Membrane Protein Human BNIP1 (BCL2 interacting protein 1) Full Length

Cat. No.: **MPC4583K**

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

This product is a made-to-order Human BNIP1 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

BNIP1

#### Protein Length

Full length

#### Protein Class

Transporter

#### TMD

1

#### Sequence

MAAPQDVHVRICNQEIVKFDLEVKALIQDIRDCSGPLSALTELN TKVKEK  
FQQLRHRIQDLEQLAKEQDKESEKQLLLQEVENHKKQMLSNQASWRKANL  
TCKIAIDNLEKAELLQGGDLLRQRKTTKESLAQTSSTITESLMGISRMMA  
QQVQQSEEMQSLVTSSRTILDANEEFKMSGTIQLGRKLITKYNRRELT  
DKLLIFLALALFLATVLYIVKKRLFPFL

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

#### Form

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

BNIP1

**Full Name**

BCL2 interacting protein 1

**Introduction**

This gene is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. It interacts with the E1B 19 kDa protein, which protects cells from virally-induced cell death. The encoded protein also interacts with E1B 19 kDa-like sequences of BCL2, another apoptotic protector. In addition, this protein is involved in vesicle transport into the endoplasmic reticulum. Alternative splicing of this gene results in four protein products with identical N- and C-termini.

**Alternative Names**

BNIP1; NIP1; SEC20; TRG-8; vesicle transport protein SEC20; BCL2/adenovirus E1B 19 kDa protein-interacting protein 1; BCL2/adenovirus E1B 19kDa interacting protein 1; transformation-related gene 8 protein; BCL2 interacting protein 1

**Gene ID**

[662](#)

**UniProt ID**

[Q12981](#)