

Product Information

MemDX™ Membrane Protein Human BNIP3 (BCL2 interacting protein 3) Full Length

Cat. No.: **MPC2851K**

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

This product is a made-to-order Human BNIP3 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

BNIP3

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MGDAAADPPGPALPCEFLRPGCGAPLSPGAQLGRGAPTSAFPPPAEHP
AARRGLRSPQLPSGAMSQNGAPGMQEESLQGSWVELHFSNNGNGGSPAS
VSIYNGDMEKILLDAQHESGRSSSKSSHCDSPPRSQTQDTNRASETDT
SIGEKNSSQSEEDDIERRKEVESILKKNSDWIWDWSSRPENIPPKEFLFK
HPKRTATLSMRNTSVMKKGGIFSAEFLKVFLPSLLLSHLLAIGLGIYIGR
RLTTSTSTF

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**

BNIP3

Full Name

BCL2 interacting protein 3

Introduction

This gene encodes a mitochondrial protein that contains a BH3 domain and acts as a pro-apoptotic factor. The encoded protein interacts with anti-apoptotic proteins, including the E1B 19 kDa protein and Bcl2. This gene is silenced in tumors by DNA methylation.

Alternative Names

BNIP3; NIP3; BCL2/adenovirus E1B 19 kDa protein-interacting protein 3; BCL2/adenovirus E1B 19kDa interacting protein 3; BCL2/adenovirus E1B interacting protein 3; nineteen kD interacting protein-3; BCL2 interacting protein 3

Gene ID

[664](#)

UniProt ID

[Q12983](#)