

# Product Information

## MemDX™ Membrane Protein Human BLCAP (BLCAP apoptosis inducing factor) Full Length

Cat. No.: **MPC4750K**

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

This product is a made-to-order Human BLCAP 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

BLCAP

#### Protein Length

Full length

#### Protein Class

Receptor

#### TMD

2

#### Sequence

MYCLQWLLPVLLIPKPLNPALWFSHSMFMGFYLLSFLLERKPCTICALVF  
LAALFLICYSCWGNCFLYHCSDSPLPESAHDPGVVGT

### 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

BLCAP

### Full Name

BLCAP apoptosis inducing factor

### Introduction

This gene encodes a protein that reduces cell growth by stimulating apoptosis. Alternative splicing and the use of alternative promoters result in multiple transcript variants encoding the same protein. This gene is imprinted in brain where different transcript variants are expressed from each parental allele. Transcript variants initiating from the upstream promoter are expressed preferentially from the maternal allele, while transcript variants initiating downstream of the interspersed NNAT gene (GeneID:4826) are expressed from the paternal allele. Transcripts at this locus may also undergo A to I editing, resulting in amino acid changes at three positions in the N-terminus of the protein.

### Alternative Names

BLCAP; BC10; bladder cancer-associated protein; bladder cancer associated protein; bladder cancer related protein (10kD); BLCAP apoptosis inducing factor

### Gene ID

[10904](#)

### UniProt ID

[P62952](#)