

# Product Information

## **MemDX™ Membrane Protein Human BCAP31 (B cell receptor associated protein 31)**

**Expressed *in vitro* E.coli expression system, Full Length of Mature Protein**

Cat. No.: **MPX1470K**

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

This product is a Human BCAP31 membrane protein expressed *in vitro* E.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**

Human

#### **Target Protein**

BCAP31

#### **Protein Length**

Full Length of Mature Protein

#### **Protein Class**

Transport

#### **TMD**

3

#### **Sequence**

SLQWTAVATFLYAEVFFVLLLCIPFISPKRWQKIFKSRLVELLVSYGNTFFVVLIVLVLLVIDAVREIRKYDDVTEKVNQLQNNPGAMEH

### Product Description

#### **Expression Systems**

*in vitro* E.coli expression system

#### **Tag**

10xHis and SUMO tag

#### **Protein Format**

Soluble

#### **Form**

Liquid or Lyophilized powder

#### **Buffer**

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

### Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

### Target

#### Target Protein

BCAP31

#### Full Name

B cell receptor associated protein 31

#### Introduction

This gene encodes a member of the B-cell receptor associated protein 31 superfamily. The encoded protein is a multi-pass transmembrane protein of the endoplasmic reticulum that is involved in the anterograde transport of membrane proteins from the endoplasmic reticulum to the Golgi and in caspase 8-mediated apoptosis. Microdeletions in this gene are associated with contiguous ABCD1/DXS1375E deletion syndrome (CADD5), a neonatal disorder. Alternative splicing of this gene results in multiple transcript variants. Two related pseudogenes have been identified on chromosome 16.

#### Alternative Names

BCAP31; CDM; DDCH; BAP31; 6C6-AG; DXS1357E; B-cell receptor-associated protein 31; 6C6-AG tumor-associated antigen; BCR-associated protein Bap31; p28 Bap31; B cell receptor associated protein 31

#### Gene ID

[10134](#)

#### UniProt ID

[P51572](#)