

## 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

SLQWTAVATFLYAEVFVVLICIPFISPKRWQKIFKSRLVELLVSYGNTFFVVLIVILVLLVIDAVREIRKYDDVTEKVNLQNNPGAMEH

#### 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 (CADDSS), 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](#)