

## Product Information

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

**Expressed in *E.coli* with GST tag at the N-terminus for Antibody Discovery, Partial (2-243aa)**

Cat. No.: **MPX4223K**

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

This product is a 54.5kDa Human BCAP31 membrane protein expressed in *E.coli*. 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**

Partial (2-243aa)

#### **Protein Class**

Transporter

#### **Molecular Weight**

54.5kDa

#### **TMD**

3

#### **Sequence**

SLQWTAVATFLYAEV FV V L L L C I P F I S P K R W Q K I F K S R L V E L L V S Y G N T F F V L I V I L V L L V I D A V R E I R K Y D D V T E K V N L Q N N P G A M E H

### Product Description

#### **Expression Systems**

*E.coli*

#### **Tag**

GST tag at the N-terminus

#### **Protein Format**

Soluble

**Form**

Liquid or Lyophilized powder

**Purity**

>90% as determined by SDS-PAGE

**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](#)