

# Product Information

## **MemDX™ Membrane Protein Human CD79B (CD79b molecule) Expressed in CHO for Antibody Discovery, Partial (29-159aa)**

Cat. No.: **MPX0278K**

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

This product is a 16 kDa Human CD79B membrane protein expressed in CHO. 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**

CD79B

#### **Protein Length**

Partial (29-159aa)

#### **Protein Class**

Immunity

#### **Molecular Weight**

16 kDa

#### **TMD**

1

#### **Sequence**

ARSEDYRNPKGSACSRIWQSP  
RFIARKRGFTVKMHCYMNASAGNVSWLWKQEMDENPQQLKLEKGRMEESQ  
NESLATLTIQGIRFEDNGIYFCQQKCNNTSEVYQGCGTELRVMGFSTLAQ  
LKQRNTLKD

### Product Description

#### **Expression Systems**

CHO

#### **Tag**

6xHis tag at the C-terminus

#### **Protein Format**

Soluble

**Form**

LYOPH

**Reconstitution**

Reconstitute at 250 µg/mL in PBS.

**Endotoxin**

<0.10 EU per 1 µg of the protein by the LAL method.

**Purity**

>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

**Buffer**

Lyophilized from a 0.2 µm filtered solution in PBS.

**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**

CD79B

**Full Name**

CD79b molecule

**Introduction**

The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-beta protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described.

**Alternative Names**

CD79B; B29; IGB; AGM6; B-cell antigen receptor complex-associated protein beta chain; B-cell-specific glycoprotein B29; CD79b antigen (immunoglobulin-associated beta); CD79b molecule, immunoglobulin-associated beta; Ig-beta; immunoglobulin-associated B29 protein; CD79b molecule

**Gene ID**

[974](#)

**UniProt ID**

[P40259](#)