

# Product Information

## **MemDX™ Membrane Protein Human CD79B (CD79b molecule) Expressed *in vitro* E.coli expression system, Full Length of Mature Protein**

Cat. No.: **MPX3735K**

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

This product is a Human CD79B 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

CD79B

#### Protein Length

Full Length of Mature Protein

#### Protein Class

Immunity

#### TMD

1

#### Sequence

ARSEDYRNPKGSACSRIWQSPRFIARKRGFTVKMHCYMNSASGNVSWLWKQEMDENPQQLKLEKGRMEESQNESLATLTIQGI

### Product Description

#### Expression Systems

*in vitro* E.coli expression system

#### Tag

10xHis tag at the N-terminus

#### 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**

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](#)