

# Product Information

## **MemDX™ Membrane Protein Human CD79A (CD79a molecule) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein**

Cat. No.: **MPX3732K**

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

This product is a Human CD79A 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**

CD79A

#### **Protein Length**

Full Length of Mature Protein

#### **Protein Class**

Immunity

#### **TMD**

1

#### **Sequence**

LWMHKVPASLMVSLGEDAHFQCPHNSSNNANVTWWRVLHGNYTPPEFLGPGEDPNGTLIIQNVNKS HGGIYVCRVQEGNESY

### 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**

CD79A

#### **Full Name**

CD79a 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-alpha protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described.

#### **Alternative Names**

CD79A; IGA; MB-1; B-cell antigen receptor complex-associated protein alpha chain; CD79a antigen (immunoglobulin-associated alpha); CD79a molecule, immunoglobulin-associated alpha; MB-1 membrane glycoprotein; ig-alpha; membrane-bound immunoglobulin-associated protein; surface IgM-associated protein; CD79a molecule

#### **Gene ID**

[973](#)

#### **UniProt ID**

[P11912](#)