

Datasheet for ABIN7319899

CD79a Protein (His tag)**1** Image[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CD79a (CD79A)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD79a protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CD79A(C-6His)
Sequence:	Leu33-Arg143
Characteristics:	Recombinant Human CD79A is produced by our Mammalian expression system and the target gene encoding Leu33-Arg143 is expressed with a 6His tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CD79a (CD79A)
Alternative Name:	CD79A (CD79A Products)
Background:	Background: CD79A (also known as Mb-1, Ig alpha and B cell antigen receptor complex-associated protein alpha-chain) is a 30-40 kDa member of the Ig-Superfamily. Required in cooperation with CD79B for initiation of the signal transduction cascade activated by binding of

Target Details

antigen to the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. Also required for BCR surface expression and for efficient differentiation of pro- and pre-B-cells. Stimulates SYK autophosphorylation and activation. Binds to BLNK, bringing BLNK into proximity with SYK and allowing SYK to phosphorylate BLNK. Also interacts with and increases activity of some Src-family tyrosine kinases. Represses BCR signaling during development of immature B-cells.
Synonym: CD79A antigen, CD79a antigen, CD79A, MB1, MB-1

Molecular Weight: 13.4 kDa

UniProt: [P11912](#)

Pathways: [BCR Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

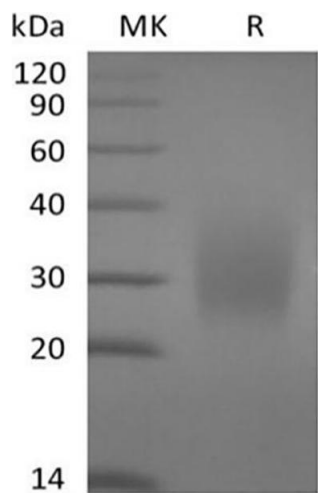
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.