



[Go to Product page](#)

Datasheet for ABIN1096338
CD79b Protein (AA 29-159) (His tag)

Overview

Quantity:	50 µg
Target:	CD79b (CD79B)
Protein Characteristics:	AA 29-159
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD79b protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CD79B/B29 (C-6His)
Sequence:	ARSEDRYRNP KGSACSRIWQ SPRFIARKRG FTVKMHCYMN SASGNVSWLW KQEMDENPQQ LKLEKGRMEE SQNESLATLT IQGIRFEDNG IYFCQQKCNN TSEVYQGCCT ELRVMGFSTL AQLKQRNTLK DVDHHHHHHH
Characteristics:	Recombinant Human CD79B is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Ala29-Asp159) of Human CD79B fused with a 6His tag at the C terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CD79b (CD79B)
Alternative Name:	CD79B (CD79B Products)
Sub Type:	Fusionprotein
Background:	<p>CD79B is a single-pass type I membrane protein. CD79B contains one Ig-like V-type domain and one ITAM domain. CD79B is required in cooperation with CD79A for initiation of the signal transduction cascade activated by the B-cell antigen receptor complex (BCR), which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. CD79B enhances phosphorylation of CD79A, possibly by recruiting kinases that phosphorylate CD79A or by recruiting proteins that bind to CD79A and protect it from dephosphorylation.</p> <p>Alternative Names: B-Cell Antigen Receptor Complex-Associated Protein Beta Chain, B-Cell-Specific Glycoprotein B29, Ig-Beta, Immunoglobulin-Associated B29 Protein, CD79b, CD79B, B29, IGB</p>
Molecular Weight:	16.25 kDa
UniProt:	P40259
Pathways:	BCR Signaling

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Expiry Date:	3 months