

Datasheet for ABIN7321125 **CD79b Protein (His tag)**

[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CD79b (CD79B)
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD79b protein is labelled with His tag.

Product Details

Purpose:	Recombinant Rat CD79B/B29 Protein (His Tag)
Sequence:	Met1-Asp158
Characteristics:	A DNA sequence encoding the rat CD79B (O70153) (Met1-Asp158) was expressed, fused with a polyhistidine tag at the C-terminus.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method

Target Details

Target:	CD79b (CD79B)
Alternative Name:	CD79B/B29 (CD79B Products)
Background:	Background: 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),

Target Details

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.

Synonym: CD79B,B29/Ig-beta,Igb

Molecular Weight: 16.8 kDa

UniProt: [O70153](#)

Pathways: [BCR Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

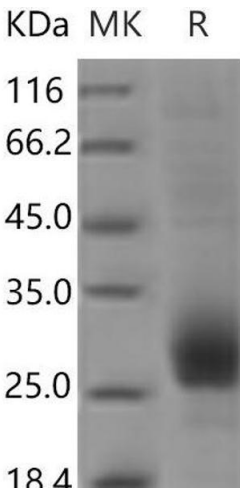
Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 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.

Images



Western Blotting

Image 1.