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Datasheet for ABIN7318288 CD79b Protein (His tag)

Overview

Quantity:	50 µg
Target:	CD79b (CD79B)
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 Protein (His Tag)
Sequence:	Ala29-Asp159
Characteristics:	Recombinant Human CD79B is produced by our Mammalian expression system and the target gene encoding Ala29-Asp159 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:	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: B-Cell Antigen Receptor Complex-Associated Protein Beta Chain, B-Cell-Specific Glycoprotein B29, Ig-Beta, Immunoglobulin-Associated B29 Protein, CD79b, CD79B, B29, IGB

Molecular Weight: 16.3 kDa

UniProt: [P40259](#)

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 μ m filtered solution of 20 mM PB, 150 mM NaCl, 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.