Datasheet for ABIN7281213

CD79b Protein (AA 29-159) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	CD79b (CD79B)
Protein Characteristics:	AA 29-159
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD79b protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPARSEDRY RNPKGSACSR IWQSPRFIAR KRGFTVKMHC YMNSASGNVS WLWKQEMDEN PQQLKLEKGR MEESQNESLA TLTIQGIRFE DNGIYFCQQK CNNTSEVYQG CGTELRVMGF STLAQLKQRN TLKDHHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	CD79b (CD79B)
Alternative Name:	CD79B (CD79B Products)
Background:	CD79B, as known as B-cell antigen receptor complex-associated protein beta chain isoform 1, is B-cell-specific glycoprotein B29. It is a single-pass type 1 membrane protein containing one

Target Details

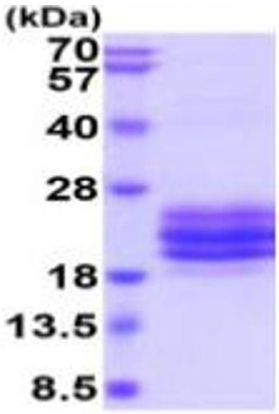
	Ig-like V-type domain and one ITAM domain. This protein is required in cooperation with CD79A for initiation of the signal transduction cascade activated by the B-cell antigen receptor complex (BCR). CD79A and B proteins are required for BCR-meditated signaling and consequently for the development and activation of B lineage cells. Recombinant human CD79B, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	16.3kDa (140aa) 18-28kDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_000617
UniProt:	P40259
Pathways:	BCR Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.