

Recombinant human CD79B protein

Catalog Number: ATGP3542

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

29-159aa

UniProt No.

P40259

NCBI Accession No.

NP_000617

Alternative Names

B-cell antigen receptor complex-associated protein beta chain isoform 1, CD79B, AGM6, B29, IGB

PRODUCT SPECIFICATION

Molecular Weight

16.3 kDa (140aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

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 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-mediated

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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.

Amino acid Sequence

ADPARSEDRIY RNPKGSACSR IWQSPRFIAR KRGFTVKMHC YMNSASGNVS WLWKQEMDEN PQQLKLEKGR
MEESQNESLA TLTIQGIRFE DNGIYFCQQK CNNTSEVYQG CGTEL RVMGF STLAQLKQRN TLKDHHHHHH

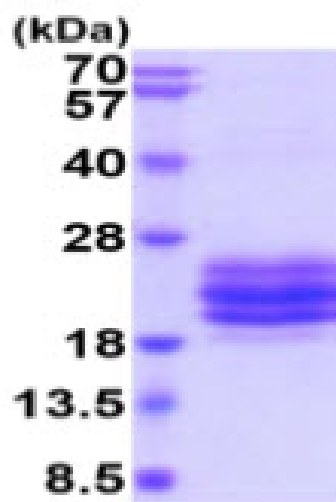
General References

Jahn L., et al, (2015) Blood 125:949-958.

Yamada S., et al, (2015) Leuk. Lymphoma 56:2141-2145.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)