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Recombinant human CD79B protein

Catalog Number: ATGP1836

PRODUCT INFORMATION

Expression system

E.coli

Domain

29-159aa

UniProt No.

P40259

NCBI Accession No.

NP 000617

Alternative Names

CD79b molecule immunoglobulin-associated beta, CD79b molecule, immunoglobulin-associated beta, AGM6, B29, IGB

PRODUCT SPECIFICATION

Molecular Weight

17.7 kDa (155aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 2M uREA, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

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, also known as Igb and B29, is a 36 kDa transmembrane glycoprotein in the immunoglobulin superfamily. Heterodimers of CD79A and CD79B associate with a membrane bound immunoglobulin on the B cell surface to form the B cell antigen receptor complex (BCR). CD79A and CD79B are required for BCR-mediated signaling and consequently for the development and activation of B lineage cells. Recombinant human CD79B protein, fused to His-tag at N-terminus, was expressed in E. coli.



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Amino acid Sequence

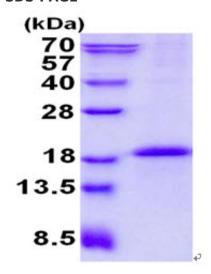
MGSSHHHHHH SSGLVPRGSH MGSMARSEDR YRNPKGSACS RIWQSPRFIA RKRGFTVKMH CYMNSASGNV SWLWKQEMDE NPQQLKLEKG RMEESQNESL ATLTIQGIRF EDNGIYFCQQ KCNNTSEVYQ GCGTELRVMG FSTLAQLKQR NTLKD

General References

Naylor, T.L., et al. (2011) Cancer Res. 71 (7), 2643-2653

DATA

SDS-PAGE



15% SDS-PAGE (3ug)4

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

