

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

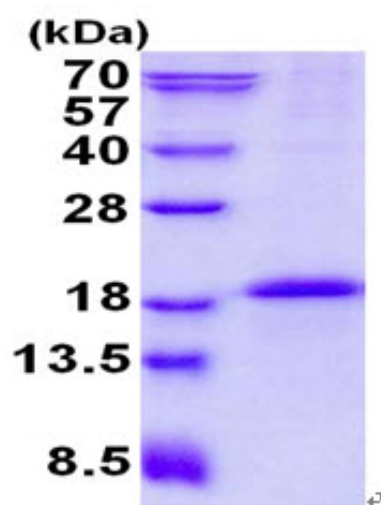
MGSSHHHHHH SGLVPRGSH MGSMARSED R YRNPKGSACS RIWQSPRFIA RKRGFVTKMH CYMNSASGNV
SWLWKQEMDE NPQQLKLEKG RMEESQNESL ATLTIQGIRF EDNGIYFCQQ KCNNTSEVYQ GCGTEL RVMG FSTLAQLKQR
NTLKD

General References

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

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)