

Product datasheet for PH300665

OriGene Technologies, Inc.

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CD79B (NM_001039933) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: CD79B MS Standard C13 and N15-labeled recombinant protein (NP_001035022)

Species: Human
Expression Host: HEK293

Expression cDNA Clone

or AA Sequence:

RC200665

Predicted MW: 26.05 kDa

Protein Sequence: >RC200665 representing NM_001039933

Red=Cloning site Green=Tags(s)

MARLALSPVPSHWMVALLLLLSAEPVPAARSEDRYRNPKGSACSRIWQSPRFIARKRGFTVKMHCYMNSA SGNVSWLWKQEMDENPQQLKLEKGRMEESQNESLATLTIQGIRFEDNGIYFCQQKCNNTSEVYQGCGTEL RVMGFSTLAQLKQRNTLKDGIIMIQTLLIILFIIVPIFLLLDKDDSKAGMEEDHTYEGLDIDQTATYEDI

VTLRTGEVKWSVGEHPGQE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration: >0.05 μg/μL as determined by microplate BCA method

Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3

Storage: Store at -80°C. Avoid repeated freeze-thaw cycles.

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: NP 001035022

RefSeq Size: 1303 RefSeq ORF: 1428

Synonyms: AGM6; B29; IGB

Locus ID: 974 **UniProt ID:** P40259



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Cytogenetics: 17q23.3

Summary: The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific

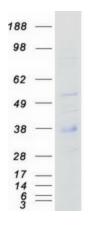
component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-beta protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described.

[provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: B cell receptor signaling pathway

Product images:



Coomassie blue staining of purified CD79B protein (Cat# [TP300665]). The protein was produced from HEK293T cells transfected with CD79B cDNA clone (Cat# [RC200665]) using MegaTran 2.0 (Cat# [TT210002]).