

# **Product datasheet for TP300665**

#### OriGene Technologies, Inc.

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# CD79B (NM\_001039933) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human CD79b molecule, immunoglobulin-associated beta (CD79B),

transcript variant 3, 20 µg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC200665 representing NM\_001039933

or AA Sequence: Red=Cloning site Green=Tags(s)

 $MARLALSPVPSHWMVALLLLLSAEPVPAARSEDRYRNPKGSACSRIWQSPRFIARKRGFTVKMHCYMNSA\\SGNVSWLWKQEMDENPQQLKLEKGRMEESQNESLATLTIQGIRFEDNGIYFCQQKCNNTSEVYQGCGTEL$ 

RVMGFSTLAQLKQRNTLKDGIIMIQTLLIILFIIVPIFLLLDKDDSKAGMEEDHTYEGLDIDQTATYEDI

VTLRTGEVKWSVGEHPGQE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK
Predicted MW: 23.1 kDa

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

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

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional

chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** NP 001035022

Locus ID: 974





#### CD79B (NM\_001039933) Human Recombinant Protein - TP300665

 UniProt ID:
 P40259

 RefSeq Size:
 1303

 Cytogenetics:
 17q23.3

 RefSeq ORF:
 1428

Synonyms: AGM6; B29; IGB

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

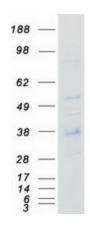
component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-beta protein of the B-cell antigen component. Alternatively spliced transcript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