

## Product datasheet for PH300665

### 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)  MARLALSPVPSHWMVALLLLLSAEPVPAARSEDYRNPKGSA CSRIWQSPRFIARKRGFTVKMHCYMNSA SGNVSWLWKQEMDENPQQLKLEKGRMEESQNESLATLTIQGIRFEDNGIYFCQQKCNNTSEVYQGCGETEL RVMGFSTLAQLKQRNTLKDGIIMIQTLLIILFIIVIPILLDDKDDSKAGMEEDHTYEGLDIDQTATYEDI VTLRTGEVKWSVGEHPGQE  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_001035022</a>
RefSeq Size:	1303
RefSeq ORF:	1428
Synonyms:	AGM6; B29; IGB
Locus ID:	974
UniProt ID:	<a href="#">P40259</a>



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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]).