

## Recombinant Human CD79B Protein, Fc-tagged

Cat. No. CD79B-171H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CD79B protein with Fc tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	229
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	41.8 kDa
<b>AA Sequence</b>	MARLALSPVPSHWMVALLLLLSAEPVPAARSEDYRNPKGSACSRIWQSPRFIARK RGFTVKMHCYMNASAGNVSWLWKQEMDENPQQLKLEKGRMEESQNESLATLTIQ GIRFEDNGIYFCQQKCNNTSEVYQGCGTEL RVMGFSTLAQLKQRNTLKDGIIMIQTLL IILFIIVPIFLLLDKDDSKAGMEEDHTYEGLDIDQTATYEDIVTLRTGEVKWSVGEHPGQ E

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<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## GENE INFORMATION

<b>Gene Name</b>	CD79B CD79b molecule, immunoglobulin-associated beta [ Homo sapiens (human) ]
<b>Official Symbol</b>	CD79B
<b>Synonyms</b>	CD79B; CD79b molecule, immunoglobulin-associated beta; CD79B antigen (immunoglobulin associated beta) , IGB; B-cell antigen receptor complex-associated protein beta chain; B29; Ig-beta; B-cell-specific glycoprotein B29; immunoglobulin-associated B29 protein; CD79b antigen (immunoglobulin-associated beta); IGB; AGM6;

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Gene ID	974
mRNA Refseq	NM_000626
Protein Refseq	NP_000617
MIM	147245
UniProt ID	P40259

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