

Recombinant Human CD79B protein, His-Avi-tagged

Cat. No. CD79B-912H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD79B protein(P40259-1)(Ala29-Asp159), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala29-Asp159
Tag	C-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD79B, His Tag at 1 µg/ml (100 µl/Well). Dose response curve for Anti-CD79B Antibody, hFc Tag with the EC50 of 2.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.1 kDa. Due to glycosylation, the protein migrates to 33-42 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [CD79B CD79b molecule, immunoglobulin-associated beta \[Homo sapiens \]](#)

Official Symbol [CD79B](#)

Synonyms 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;

Gene ID [974](#)

mRNA Refseq [NM_000626](#)

Protein Refseq [NP_000617](#)

MIM [147245](#)

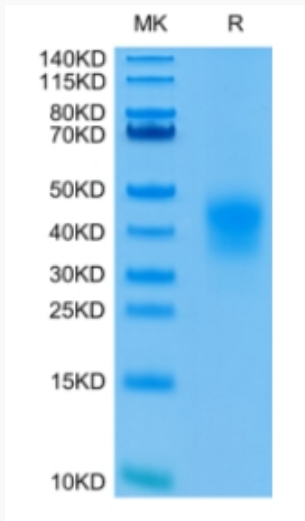
UniProt ID [P40259](#)

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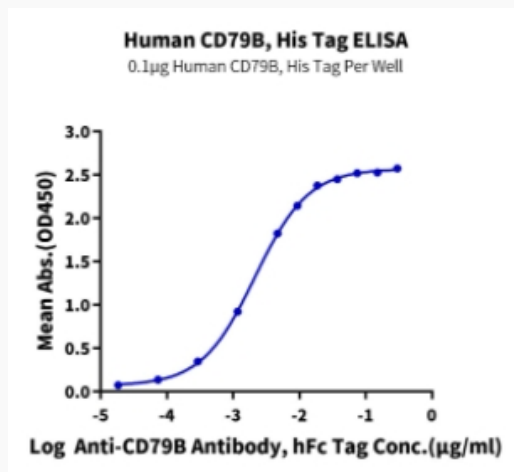
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Tris-Bis PAGE



ELISA Data



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