

Active Recombinant Human CD79B protein, His-tagged

Cat. No. CD79B-143H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD79B protein(Ala 29 - Asp 159), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala 29 - Asp 159
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.2 M Arginine, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD79B, His Tag at 1 µg/mL (100 µL/well) can bind Anti-CD79B (Polatuzumab) Humanized Antibody with a linear range of 0.1-0.6 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 17.1 kDa. The protein migrates as 30-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage

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at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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