

CD79B Protein, Human, Recombinant (His)

General Information

Synonyms:	B29;IGB;CD79b molecule, immunoglobulin-associated beta;AGM6;CD79b molecule, immunoglobulin-associated β
Protein Construction:	A DNA sequence encoding the human CD79B (NP_000617.1) (Met1-Asp159) was expressed with a polyhistidine tag at the C-terminus. Predicted N terminal: Ala 29
Species:	Human
Expression Host:	HEK293 Cells
Accession:	P40259-1
Molecular Weight:	16.7 kDa (predicted); 32.1 kDa (reducing condition, due to glycosylation)

QC Testing

Biological Activity:	1.Loaded Anti-CD79B (Polatuzumab biosimilar) on ProA Biosensor, can bind Recombinant Human CD79B Protein, His Tag (Cat#TMPY-05275) with an affinity constant of 12.9 nM as determined in BLI assay (Sartorius Octet RED384) (Routinely tested). 2.Immobilized Recombinant Human CD79B Protein (His Tag) (Cat#TMPY-05275) at 1 μ g/mL (100 μ L/well) can bind Anti-CD79B (Polatuzumab Biosimilar), the EC50 is 1.1 ng/mL(Routinely tested). 3. Immobilized Recombinant Human CD79B Protein (His Tag) (Cat#TMPY-05275) at 1 μ g/mL (100 μ L/well) can bind Anti-CD79B (Polatuzumab Biosimilar), the EC50 is 1.1 ng/mL(Routinely tested).
Purity:	\geq 95 % as determined by SDS-PAGE. \geq 95 % as determined by SEC-HPLC.
Endotoxin:	< 1.0 EU/ μ g of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 μ m filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

Preparation and Storage

Reconstitution:

Reconstituted with sterile deionized water to 0.25 mg/mL. Reconstitution conditions may vary depending on the lot.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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