
Product Data Sheet

Product Name: CD79B Human, Sf9
 Cat. No.: GP23076
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CD79b Molecule; CD79B Antigen (Immunoglobulin-Associated Beta); CD79b Molecule; Immunoglobulin-Associated Beta; Immunoglobulin-Associated B29 Protein; B-Cell-Specific Glycoprotein B29; Ig-Beta; IGB; B29; B-Cell Antigen Receptor Complex-Associated Protein Beta Chain; CD79b Antigen; CD79B; AGM6.		
Amino Acid Sequence	ADPARSEDY RNPKGSACSR IWQSPRFIAR KRGFTVKMHC YMNSASGNVS WLWKQEMDEN PQQLKLEKGR MEESQNESLA TLTIQGIRFE DNGIYFCQQK CNNTSEVYQG CGTEL RVMGF STLAQLKQRN TLKDH HHHHHH.		
Formulation	CD79B protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

Introduction

CD79B is a 36 kDa trans membrane glycoprotein belonging to the immunoglobulin superfamily. Heterodimers of CD79A and CD79B connect with a membrane attached immunoglobulin on the B cell surface to create the B cell antigen receptor complex (BCR). CD79A and CD79B are essential for BCR-mediated signaling and subsequently for the development and activation of B lineage cells.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

CD79B Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 140 amino acids (29-159a.a.) and having a molecular mass

Caution: Product has not been fully validated for medical applications. For research use only.

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of 16.3kDa (Molecular size on SDS-PAGE will appear at approximately 18-28 kDa).CD79B is expressed with a 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

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