
Product Data Sheet

Product Name: CD79B Human
 Cat. No.: GP23075
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	AGM6; B29; IGB; B-cell antigen receptor complex-associated protein beta chain; B-cell-specific glycoprotein B29; B-cell-specific glycoprotein B29; Immunoglobulin-associated B29 protein; CD79b; CD antigen; CD79b.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMARSEDR YRNPKGSACS RIWQSPRFIA RKRGFVTKMH CYMNSASGNV SWLWKQEMDE NPQQLKLEKG RMEESQNESL ATLTIQGIRF EDNGIYFCQQ KCNNTSEVYQ GCGTELVRMG FSTLAQLKQR NTLKD.		
Formulation	CD79B protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2M UREA 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 E.Coli is a single, non-glycosylated polypeptide chain containing 155 amino acids (29-159a.a) and having a molecular mass of 17.7kDa. CD79B is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary

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

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chromatographic techniques.

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