

## CD79B Human

**Description:** 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 chromatographic techniques.

**Catalog #:** PRPS-1311

For research use only.

**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.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSMARSEDR YRNPKGSAACS  
RIWQSPRFIA RKRGFVTKMH CYMNSASGNV SWLWKQEMDE NPQQLKLEKG RMEESQNESL  
ATLTIQGIRF EDNGIYFCQQ KCNNTSEVYQ GCGTEL RVMG FSTLAQLKQR NTLKD.

**Purity:** Greater than 90% as determined by SDS-PAGE.

**Formulation:**

CD79B protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2M UREA and 10% glycerol.

**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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**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.

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