HUMAN CD79B PROTEIN, HFC TAG

Cat.#: 11760

Product Name: Human CD79B Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: AGM6;B29;IGB

Target: CD79B

UNIPROT ID: P40259

Description: Recombinant Human CD79B with C-terminal Human Fc tag

Background: The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-beta protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 41.3 kDa after removal of the signal peptide.The apparent molecular mass of CD79B-hFc is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: CD79B(Ala29-Asp159) hFc(Glu99-Ala330)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

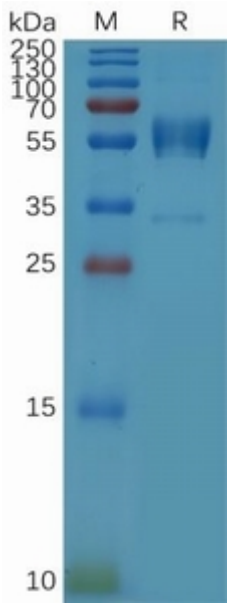

Figure 1. Human CD79B Protein, hFc Tag on SDS-PAGE under reducing condition.