

## 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.

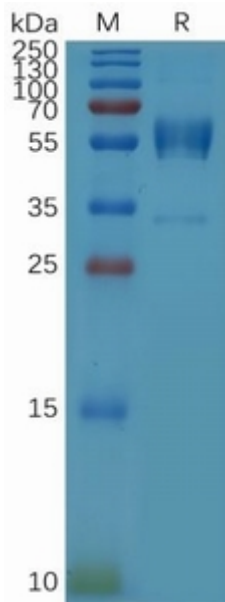


Figure 1. Human CD79B Protein, hFc Tag on SDS-PAGE under reducing condition.