

HUMAN CD19 PROTEIN, MFC TAG

货号: 11569

产品全名: 人 CD19 蛋白

规格: 10/50/100 µg

基因符号 B4;CVID3;MGC12802

目标蛋白: CD19

UNIPROT ID: P15391

描述: Recombinant human CD19 protein with C-terminal mouse Fc tag

背景: Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 56.3 kDa after removal of the signal peptide. The apparent molecular mass of CD19-mFc is approximately 70-100 kDa due to glycosylation.

分子特征: CD19(Pro20-Lys291) mFc(Pro99-Lys330)

纯化: 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.

储存和运输: 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.

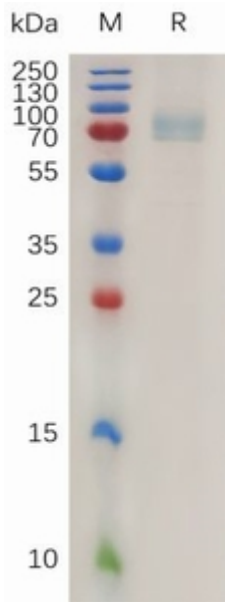


Figure 1. Human CD19 Protein, mFc Tag on SDS-PAGE under reducing condition.