

HUMAN IGG1-FC PROTEIN

货号: 11303

产品全名: 人 IgG1-Fc 蛋白

规格: 10/50/100 µg

基因符号 IgG1 Fc 蛋白

目标蛋白: IgG1-Fc

UNIPROT ID: P01857

描述: Recombinant Human IgG1-Fc 蛋白

背景: IGHG1 (Immunoglobulin Heavy Constant Gamma 1 (G1m Marker)) is a Protein Coding gene. Diseases associated with IGHG1 include Leukemia, Chronic Lymphocytic and Heavy Chain Deposition Disease. Among its related pathways are Interleukin-4 and 13 signaling and IL4-mediated signaling events. Gene Ontology (GO) annotations related to this gene include antigen binding. An important paralog of this gene is IGHG3.

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 27.7 kDa after removal of the signal peptide. The apparent molecular mass of IgG1-Fc is approximately 30-40 kDa due to glycosylation.

分子特征: hFc(Glu99-Ala330)

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.

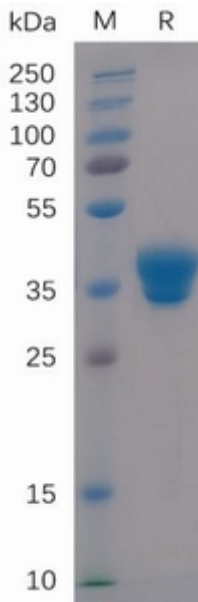


Figure 1. Human IgG1-Fc Protein on SDS-PAGE under reducing condition.