

**HUMAN IGG1-FC PROTEIN**

目录: 11303

产品名称: Human IgG1-Fc Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: IgG1 Fc Protein

**Target:** IgG1-Fc

**UNIPROT ID:** P01857

**描述:** Recombinant Human IgG1-Fc Protein

**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.

**Species/Host:** HEK293

**Molecular Weight:** 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.

**Molecular Characterization:** 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.

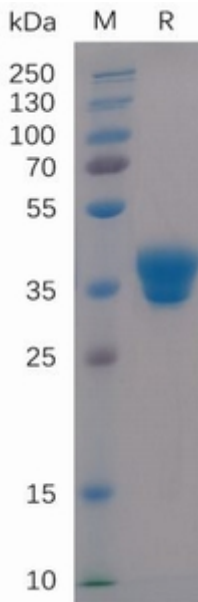


Figure 1. Human IgG1-Fc Protein on SDS-PAGE under reducing condition.