

**PRODUCT INFORMATION**

<b>Target</b>	IgG1-Fc
<b>Synonyms</b>	IgG1 Fc Protein
<b>Description</b>	Recombinant Human IgG1-Fc Protein
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P01857
<b>Expression Host</b>	HEK293
<b>Tag</b>	
<b>Molecular Characterization</b>	hFc(Glu99-Ala330)
<b>Molecular Weight</b>	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.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



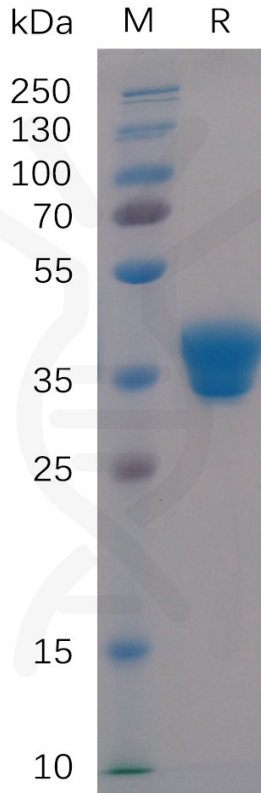


Figure 1. Human IgG1-Fc Protein on SDS-PAGE under reducing condition.

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