

PRODUCT INFORMATION

Target IgG1-Fc

Synonyms IgG1 Fc Protein

Description Recombinant Human IgG1-Fc Protein

Delivery In Stock **Uniprot ID** P01857 **Expression Host HEK293**

Tag

Background

Molecular hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of 27.7 kDa after removal of the signal peptide.The

Molecular Weight apparent molecular mass of IgG1-Fc is

approximately 30-40 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. 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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

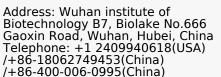
IGHG1 (Immunoglobulin Heavy Constant Gamma 1 (G1m Marker)) is a Protein Coding gene. Diseases associated with IGHG1 include

Leukemia; Chronic Lymphocytic and Heavy Chain Deposition Disease. Among its related pathways are Interleukin-4 and 13 signaling and IL4mediated signaling events. Gene Ontology (GO) annotations related to this gene include antigen

binding. An important paralog of this gene is IGHG3.

Usage Research use only

Conjugate Unconjugated



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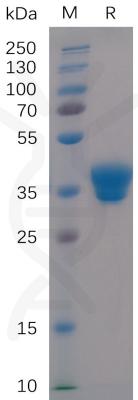


Figure 1. Human IgG1-Fc Protein on SDS-PAGE under reducing condition.

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