

Human IgG3 recombinant protein



Catalog Number: 504275

General Information

Gene Name Synonym

HDC; Heavy chain disease protein

Protein Construction

A DNA sequence encoding the human IgG3 Fc region (P01860) (Glu 99-Lys 377) was expressed and purified.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 96 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Glu 99

Molecular Mass

The recombinant human IgG3-Fc consists of 279

amino acids and has a predicted molecular mass of 31.2 kDa. As a result of glycosylation, the apparent molecular mass of IgG3-Fc is approximately 38 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

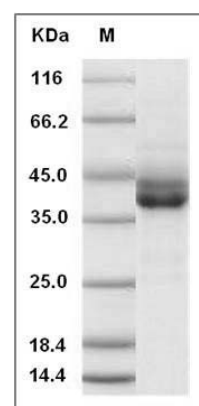
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human IgG3-Fc / IGHG3 Protein SDS-PAGE