

General Information

Protein Construction

A DNA sequence encoding the human IgG2 Fc region (P01859) (Glu 99-Lys 327, 257Ser/Ala) was expressed and purified.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind human CD32a-His (Cat:502432) in a functional ELISA.

Purity

> 90 % 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 IgG2-Fc consists of 228 amino acids and has a predicted molecular mass of 25 kDa. As a result of glycosylation, the apparent molecular mass of IgG2-Fc is approximately 34 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

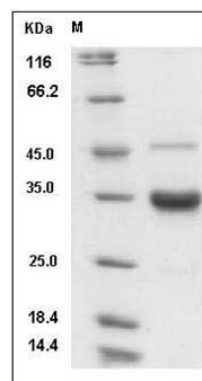
Store it under sterile conditions at -20°C to -80°C .

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 IgG2-Fc Protein (257 Ser/Ala) SDS-PAGE