

Mouse IgG1 Fc (102 Cys/Ser) recombinant protein



Catalog Number: 502236

General Information

Protein Construction

The Fc region of mouse IgG1 (P01868-1) (Val 98-Lys 324) (one aa mutation, 102 Cys / Ser) was expressed and purified.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 97 % 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

Val 98

Molecular Mass

The recombinant mouse IgG1 Fc consists of 227 amino acids and has a predicted molecular mass of 25.8 kDa. As a result of glycosylation, the

apparent molecular mass of rmFc is approximately 32 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 100mM NaAc, 10mM NaCl, 200mM Tris, pH 7.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

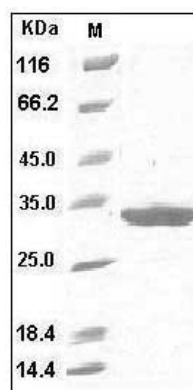
Storage

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



Mouse IgG1-Fc Protein (102 Cys/Ser) SDS-PAGE