

Mouse IgG2a recombinant protein



Catalog Number: 500501

General Information

Gene Name Synonym

Immunoglobulin heavy chain gamma polypeptide

Protein Construction

A DNA sequence encoding the Mouse IgG2a Fc region (P01863) (Glu98-Lys330) was expressed and purified.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 92 % 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 98

Molecular Mass

The recombinant mouse IgG2a-Fc consists of 233

amino acids and has a predicted molecular mass of 26 kDa. As a result of glycosylation, the apparent molecular mass of IgG2a-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

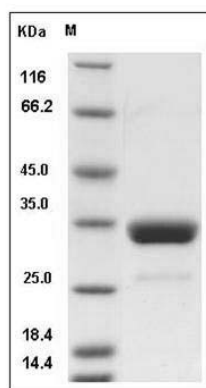
Store it under sterile conditions at -20°C to -80°C .

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



Mouse IgG2a-Fc Protein SDS-PAGE