

Mouse IgG2a-Fc Protein (HPLC-verified)



Sino Biological
Biological Solution Specialist

Catalog Number: HPLC-51094-MNAH

General Information

Gene Name Synonym:

1810060O09Rik; Igh-1

Protein Construction:

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

Source: Mouse

Expression Host: HEK293 Cells

QC Testing

Purity: > 90 % as determined by SDS-PAGE.
> 95 % as determined by SEC-HPLC Analysis.

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 -20°C to -80°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

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

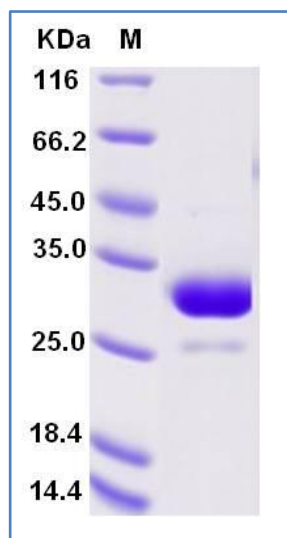
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

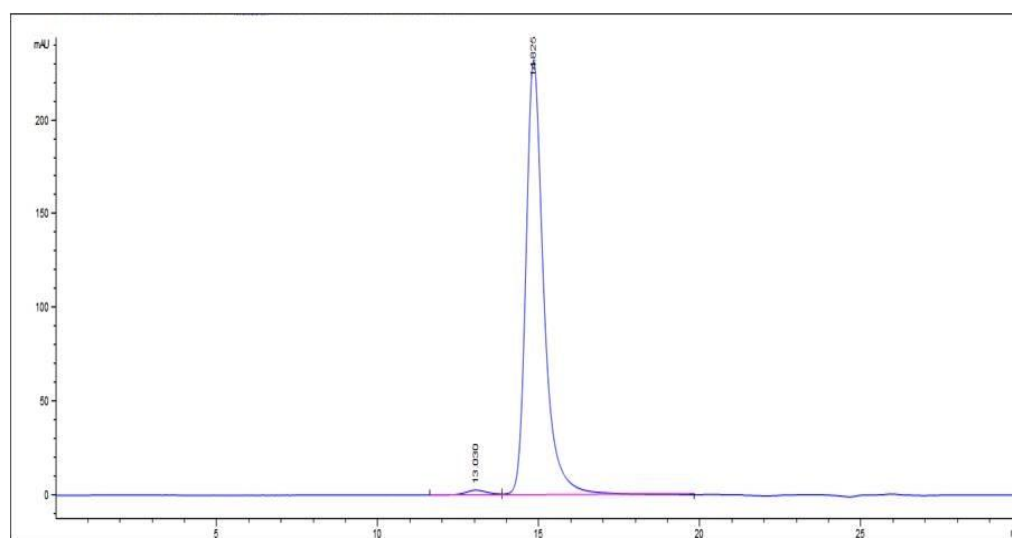
Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



94.0% as determined by SDS-PAGE

SEC-HPLC:



98.6% as determined by SEC-HPLC Analysis