

RPT0024

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Recombinant Mouse IgG2C Protein

Catalog No.: RPT0024

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells		A0A0A6YY53

Tags

N-His

Synonyms

Immunoglobulin heavy constant gamma 2C ;Ighg2c

Product Information

Source

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 95 % as determined by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Reconstitution

Background

Mouse IgG2c is a subclass of mouse antibody IgG, it can bind FcγRIV with high affinity and the Fc loop residues of mouse IgG2c promote greater receptor-binding affinity than mouse IgG2b or human IgG1.

Basic Information

Description

Recombinant Recombinant Mouse IgG2C Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu98-Lys335) of Mouse IgG2C fused with His tag at the N-terminus.

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

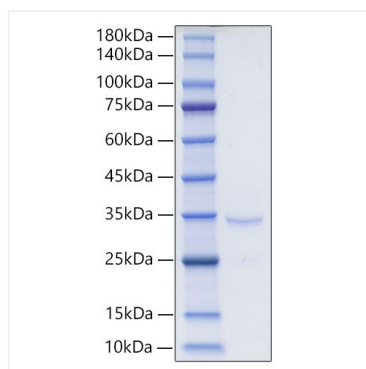
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Contact



www.abclonal.com

Validation Data



Recombinant Mouse IgG2C Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.