

Recombinant Mouse IgG2C Protein

Catalog No.: RPT0024 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	404711	F6TQW2

Tags

N-His

Synonyms

Immunoglobulin heavy constant gamma 2C ;Ighg2c

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW **Observed MW**

Endotoxin

<1EU/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

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.

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

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 (Accession #F6TQW2) fused with His tag at the N-terminus.

Bio-Activity

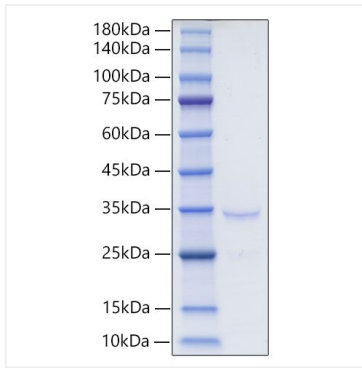
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Mouse IgG2C Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 30-35 kDa.