

Catalog No.: RPT0024 **Recombinant**

Species	Gene ID	Swiss Prot
Mouse		

N-His

Immunoglobulin heavy constant gamma
2C ;IGHG2C

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE

27.23 kDa 30-35 kDa

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

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

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.

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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.

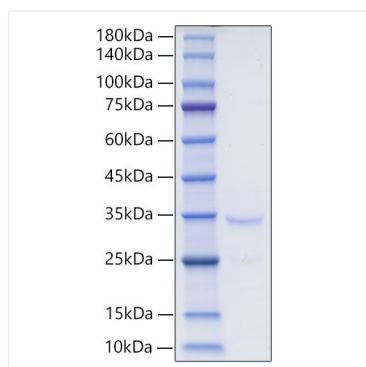
Recombinant Recombinant Mouse IgG2C Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu98-Lys335) of Mouse IgG2C fused with His tag at the N-terminus.

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 under reducing conditions with Coomassie Blue.