

Recombinant Mouse IgG1 protein, Fc-tagged

Cat. No. IgG1-243M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IgG1 protein(P01868-1)(Val98-Lys324,C102S), fused with Fc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Val98-Lys324,C102S
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant mouse IgG1 Fc consists of 227 amino acids and has a predicted molecular mass of 25.8 kDa. As a result of glycosylation, the apparent molecular mass of rmFc is approximately 32 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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