

Recombinant Mouse IgG1 protein(Val98-Lys324,C102S)

Cat. No. IgG1-1258M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IgG1 (AAK53870.1) (Val 98-Lys 324) (one aa mutation, 102 Cys / Ser) was expressed and purified in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Val98-Lys324,C102S
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Official Symbol	IgG1
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