

Recombinant Mouse IgG1 protein(102 Cys/Ser)

Cat. No. IgG1-3452M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IgG1 protein(P01868-1) (Val 98-Lys 324) (one aa mutation, 102 Cys/Ser) was expressed and purified in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	98-324 aa(102 Cys/Ser)
Form	Lyophilized from sterile 100mM NaAc, 10mM NaCl, 200mM Tris, pH 7.5.
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	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Official Symbol Ig hg1

SDS-PAGE



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