

Active Recombinant Human IgG2 protein(Glu99-Lys327,257Ser/Ala)

Cat. No. IgG2-3405H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IgG2 Fc region (P01859) (Glu 99-Lys 327, 257Ser/Ala) was expressed and purified in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu99-Lys327,257Ser/Ala
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind human CD32a-His in a functional ELISA.
Molecular Mass	The recombinant human IgG2-Fc consists of 228 amino acids and has a predicted molecular mass of 25 kDa. As a result of glycosylation, the apparent molecular mass of IgG2-Fc is approximately 34 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % 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

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

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