

Active Recombinant Human IgG1Fc protein

Cat. No. IgG1Fc-017H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IgG1Fc protein(Glu 99 - Lys 330) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu 99 - Lys 330
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD64, His Tag at 1 µg/mL (100 µL/well) can bind Human IgG Fc, Tag Free with a linear range of 1-16 ng/mL.
Molecular Mass	This protein carries no "tag".The protein has a calculated MW of 26.1 kDa. The protein migrates as 32-34 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>95% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

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conditions after reconstitution.

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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