

Active Recombinant Human IgG1Fc protein

Cat. No. IgG1Fc-07H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IgG1Fc protein(Pro 100 - Lys 330) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	100-330 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human IgG1 Fc (C103S, D239E, L241E), Tag Free at 5 µg/mL (100 µL/well) can bind Biotinylated Human CD64, His,Avitag with a linear range of 0.3-2 ng/mL.Immobilized Human IgG1 Fc (C103S, D239E, L241E), Tag Free at 5 µg/mL (100 µL/well) can bind Biotinylated Human CD16a (V176), Avitag,His Tag with a linear range of 0.02-0.625 µg/mL.
Molecular Mass	This protein carries no "tag"The protein has a calculated MW of 26 kDa. The protein migrates as 31-33 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Pro100-Lys330
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.

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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 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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