

## Active Recombinant Human IgG1Fc protein

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IgG1Fc protein(Glu 99 - Lys 330) was expressed in HEK293.                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Glu 99 - Lys 330                                                                                                                                                                                                                                  |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.                                                                                       |
| <b>Bio-activity</b>     | 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.                                                                                                                       |
| <b>Molecular Mass</b>   | 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.                                                                        |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                        |
| <b>Purity</b>           | >95% as determined by SDS-PAGE.>95% as determined by SEC-MALS.                                                                                                                                                                                    |
| <b>Storage</b>          | 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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