

## Recombinant Human IgG1Fc protein, Flag-tagged

**Cat. No.** IgG1Fc-0248H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IgG1Fc protein(Pro100-Lys330), fused with Flag tag, was expressed in HEK293.                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 100-330 a.a.                                                                                                                                                                                                                                       |
| <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>Molecular Mass</b>   | This protein carries a flag tag at the C-terminus. The protein has a calculated MW of 27.1 kDa. The protein migrates as 28-33 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.                                                    |
| <b>Proteinlength</b>    | Pro100-Lys330                                                                                                                                                                                                                                      |
| <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.

**GENE INFORMATION****Official Symbol**

IgG1Fc

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