

# Recombinant Mouse IgG1Fc protein, Avi-tagged, Biotinylated

**Cat. No.** IgG1Fc-0247M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Biotinylated Recombinant Mouse IgG1Fc protein(Val98-Lys324), fused with Avi tag, was expressed in HEK293.                                                                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 98-324 a.a.                                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.                                                                                                                        |
| <b>Molecular Mass</b>   | This protein carries an Avi tag at the C-terminus.The protein has a calculated MW of 27.4 kDa. The protein migrates as 33 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.                                                       |
| <b>Proteinlength</b>    | Val98-Lys324                                                                                                                                                                                                                                      |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                        |
| <b>Purity</b>           | >90% 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 |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

**Conjugation**

Biotin

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

IgG1Fc

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA