

Active Recombinant Human IgG1Fc protein, Avi-tagged, Biotinylated

Cat. No. IgG1Fc-0250H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IgG1Fc protein(Glu99-Lys330), fused with Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	99-330 a.a.
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Recombinant Protein G, His Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human IgG1 Fc, Avitag with a linear range of 0.013-0.512 µg/mL.
Molecular Mass	This protein carries an Avi tag (Avitag) at the C-terminusThe protein has a calculated MW of 28.4 kDa. The protein migrates as 32-34 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Glu99-Lys330
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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.
Conjugation	Biotin

GENE INFORMATION

Official Symbol	IgG1Fc
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