Active Recombinant Human IgG4Fc protein

Cat. No. IgG4Fc-1574H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IgG4Fc protein(Glu99-Lys327) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	99-327 a.a.
Form	Lyophilized from 0.22 μm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5.
Bio-activity	Human FCGRT&B2M Heterodimer Protein, His Tag captured on CM5 Chip via anti-His antibody can bind Human IgG4 Fc, Tag Free with an affinity constant of 0.715 μM as determined in SPR assay (Biacore 8K).
Molecular Mass	This protein carries no "tag".The protein has a calculated MW of 25.8 kDa. As a result of glycosylation, the protein migrates as 30-32 kDa under reducing (R) condition, and 28-30 kDa and 55-60 kDa under non-reducing (NR) condition (SDS-PAGE).
Proteinlength	Glu99-Lys327
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.

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.

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