

Active Recombinant Human IgG2Fc protein

Cat. No. IgG2Fc-0214H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IgG2Fc protein(Glu99-Lys326) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	99-326 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Human FCGRT&B2M Heterodimer Protein, His Tag captured on CM5 Chip via anti-His antibody can bind Human IgG2 Fc, Tag Free with an affinity constant of 41.9 nM as determined in SPR assay (Biacore 8K).
Molecular Mass	This protein carries no "tag".The protein has a calculated MW of 25.7 kDa. The protein migrates as 33-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Glu99-Lys326
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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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.

GENE INFORMATION

Official Symbol	IgG2Fc
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