

Recombinant Human IGHG4 Protein

Cat. No. IGHG4-549H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human IgG4 Fc region (P01861) (Glu 99-Lys 327, 108Ser/Pro) was expressed and purified.
Species	Human
Source	HEK293
ProteinLength	99-327 a.a.
Predicted N Terminal	Glu 99
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant human IgG4-Fc consists of 229 amino acids and has a predicted molecular mass of 25.5 kDa. As a result of glycosylation, the apparent molecular mass of IgG4-Fc is approximately 35 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 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

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IGHG4 Immunoglobulin heavy constant gamma 4(G4m marker) [Homo sapiens]

Official Symbol IGHG4

Synonyms IGHG4; Immunoglobulin heavy constant gamma 4(G4m marker);

Gene ID 28218

mRNA Refseq

Protein Refseq

MIM

UniProt ID

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