

Active Recombinant Human IGHG4 protein, Low Endotoxin

Cat. No. IGHG4-6746H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGHG4 protein(P01861)(Glu99-Gly326) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	99-326 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Human FcRn, His Tag on Anti-His-Biosensor can bind Human IgG4 Fc, No Tag with an affinity constant of 30.30 nM as determined in BLI assay.
Molecular Mass	The protein has a predicted MW of 25.8 kDa. Due to glycosylation, the protein migrates to 30-35 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

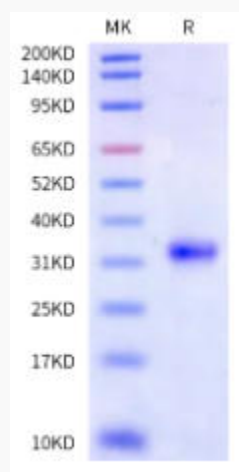
Gene Name IGHG4 Immunoglobulin heavy constant gamma 4(G4m marker) [Homo sapiens]

Official Symbol IGHG4

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

Gene ID 28218

Bis-Tris PAGE

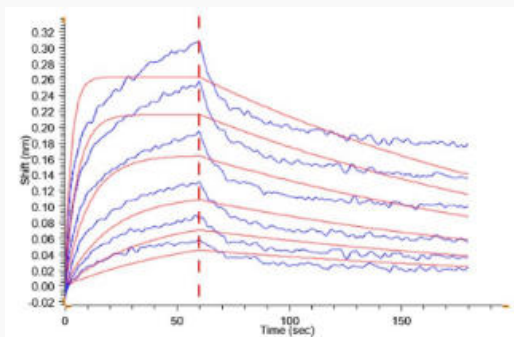


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BLI Data



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