

Recombinant Human IGHG4 protein

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	Glu99-Gly326
Tag	Non
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Human FcRn, His Tag captured on CM5 Chip via Anti-His Antibody can bind Human IgG4 Fc, No Tag with an affinity constant of 1.365 uM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 25.8 kDa. Due to glycosylation, the protein migrates to 30-35 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

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Storage Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

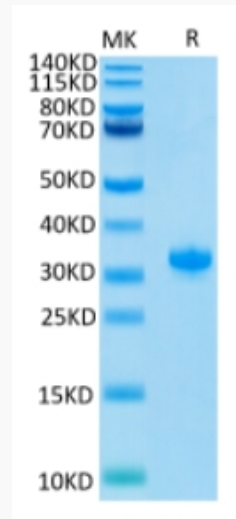
Gene Name IGHG4 Immunoglobulin heavy constant gamma 4(G4m marker) [Homo sapiens]

Official Symbol IGHG4

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

Gene ID 28218

Tris-Bis PAGE



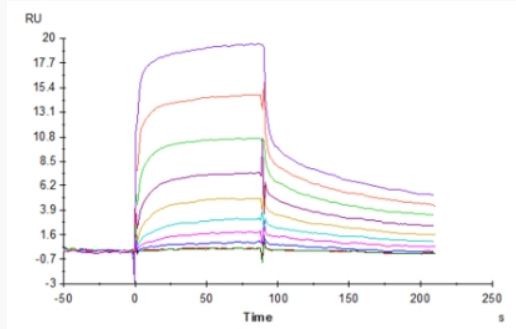
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SPR Data



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