

Active Recombinant Human IGHG1 protein, Low Endotoxin

Cat. No. IGHG1-0662H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGHG1 protein(P01857-1)(Asp104-Lys330) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	104-330 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 Biotinylated Human FcRn, His-Avi Tag on Streptavidin-Biosensor can bind Human IgG1 Fc, No Tag with an affinity constant of 22.8 nM as determined in BLI assay.
Molecular Mass	The protein has a predicted MW of 25.5 kDa. Due to glycosylation, the protein migrates to 31-33 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; > 95% 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

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

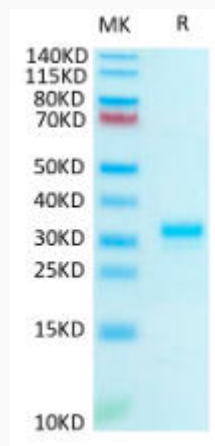
Gene Name IGHG1 Immunoglobulin heavy constant gamma 1(G1m marker) [Homo sapiens]

Official Symbol IGHG1

Synonyms IGHG1; Immunoglobulin heavy constant gamma 1(G1m marker);

Gene ID 28221

Bis-Tris PAGE

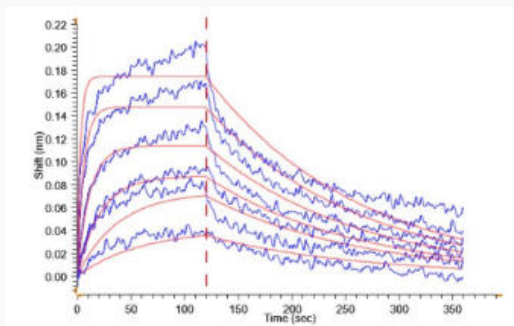


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BLI Data



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