

## Recombinant Human IGHG4 protein, His-tagged

Cat. No. IGHG4-14113H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IGHG4 protein(124-473 aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	124-473 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AASequence</b>	AAGHLVMGFGAHWGQGKLVSVSPASTKGPSVFPLAPCSRSTSESTAALGCLVKDY FPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGKTYTCNVNDHK PSNTKVDKRVESKYGPPCPCPAPEFLGGPSVFLFPPKPKDTLMISRTPEVTCVVVD VSQEDPEVQFNWYVDGVEVHNAKTKPREEQFNSTYRVVSVLTVLHQDWLNGKEYK CKVSNKGLPSSIEKTISKAKGQPREPQVYTLPPSQEEMTKNQVSLTCLVKGFYPSDI AVEWESNGQPENNYKTTTPVLDSDGSFFLYSRLTVDKSRWQEGNVFSCSVMHEAL HNHYTQKSLSLSLGK
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

**Reconstitution**

Dissolve the product in 200  $\mu$ l sterile water to achieve a working concentration of 0.25 g/ $\mu$ l. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

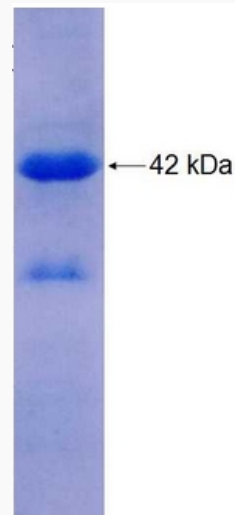
**GENE INFORMATION**

**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

**SDS-PAGE**

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