

## Active Recombinant Human IGHG1 protein(103 Cys/Ser)

Cat. No. IGHG1-3121H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human IGHG1 protein(AAC82527.1) (Glu 99-Lys 330) (one aa mutation,103 Cys/Ser) was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	99-330 aa
<b>Form</b>	Supplied as sterile PBS, pH 7.4.
<b>Bio-activity</b>	1. Measured by its ability to bind human CD16a-His in a functional ELISA. 2. Measured by its ability to bind human CD16a-AVI-His in a functional ELISA. 3. Measured by its ability to bind human CD16a-His in a functional ELISA.
<b>Molecular Mass</b>	The recombinant human IgG1 Fc consists of 232 amino acids and has a predicted molecular mass of 26 kDa. As a result of glycosylation, the apparent molecular mass of rhFc is approximately 32 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**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](#)

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