

Active Recombinant Human IGHG1 protein(103 Cys/Ser)

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

SPECIFICATION

Product Overview	Active Recombinant Human IGHG1 protein(AAC82527.1) (Glu 99-Lys 330) (one aa mutation,103 Cys/Ser) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	99-330 aa
Form	Supplied as sterile PBS, pH 7.4.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	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

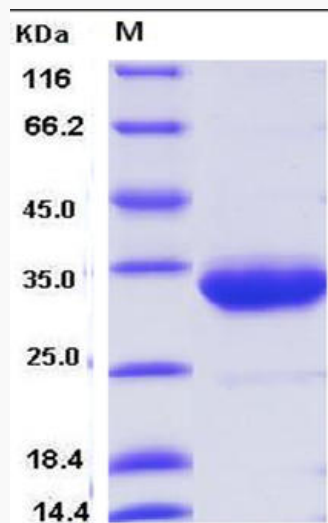
Gene Name IGHG1 Immunoglobulin heavy constant gamma 1(G1m marker) [Homo sapiens]

Official Symbol IGHG1

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

Gene ID 28221

SDS-PAGE



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