

Recombinant Human IGHG1, Biotinylated

Cat. No. IGHG1-604H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human Fc control protein is expressed as a 227 amino acid protein consisting of Asp104 - Lys330 region of human IGHG1 (UniProt accession #P018571), which exists as a dimer under non-reducing condition.
Species	Human
Source	Human Cells
ProteinLength	104-330 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier free & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule)
Molecular Mass	Calculated molecular mass 25.6 kDa; estimated by SDS-PAGE under reducing condition 30-35 kDa probably due to glycosylation
Endotoxin	<0.1 eu per 1 µg of purified recombinant protein determined by the
Purity	>95% judged by SDS-PAGE under reducing condition
Storage	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below -20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.

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Conjugation	Biotin
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GENE INFORMATION

Gene Name	IGHG1 Immunoglobulin heavy constant gamma 1(G1m marker) [Homo sapiens]
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Official Symbol	IGHG1
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Synonyms	IGHG1; Immunoglobulin heavy constant gamma 1(G1m marker);
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Gene ID	28221
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