

Recombinant Human IGHG1(Asp104-Lys330(Asp239Glu,Leu241Glu)) Protein, C-Avi-tagged, Biotinylated

Cat. No. IGHG1-373H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGHG1(P01857)(Asp104-Lys330(Asp239Glu,Leu241Glu)) Protein, fused with a Avi tag at the C-terminus, was produced in HEK293. The purified protein was biotinylated in vitro.
Species	Human
Source	HEK293
ProteinLength	104-330 a.a.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Molecular Mass	The recombinant Human IGHG1 Protein has a predicted molecular mass of 27.7kDa, it migrates with an apparent molecular mass of 33kDa under reducing conditions.
AA Sequence	Asp104-Lys330(Asp239Glu,Leu241Glu)
Endotoxin	< 0.01 EU per µg of the protein as determined by the LAL method.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Characteristic	The biotin to protein ratio is 0.5-1 as determined by the HABA assay.

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
Conjugation	Biotin

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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