

Active Recombinant Human IGHG1 Protein, His-tagged

Cat. No. IGHG1-91H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IGHG1 Protein(Pro100-Lys330) is expressed in HEK293, fused with a 6xHis tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	100-330 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human Fc-gamma RII-a(CD32a) at 1 µg/mL (100 µL/well) can bind IgG1 Fc with a linear range of 0.156-3.47 µg/mL.
Molecular Mass	26.8 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

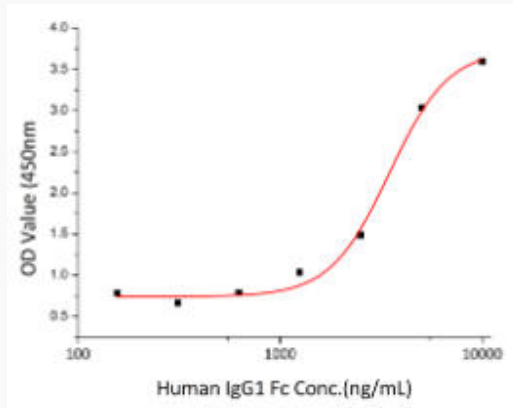
GENE INFORMATION

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

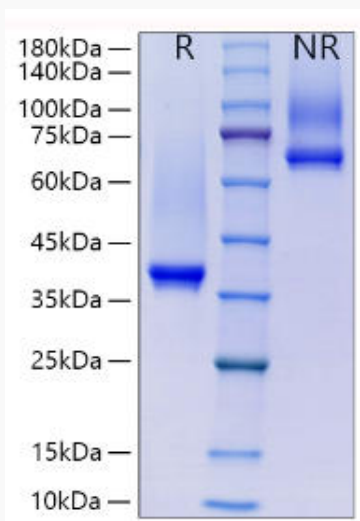
Official Symbol IGHG1

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

Gene ID 28221

Activity


SDS-PAGE



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