

Recombinant Human IgG Protein, His-tagged

Cat. No. IgG-740H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant human IgG protein with His tag was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | 330 |
| Description | Immunoglobulin G (IgG) is the major class of immunoglobulins. About three-quarters of all serum immunoglobulins belong to this class. IgG molecules consist of two heavy γ and two light chains ($2\gamma + 2L$). |
| Form | Lyophilized |
| Molecular Mass | 27 kDa |
| AA Sequence | <p>ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAV LQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCP APPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHN AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQP REPQVYITLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLD SDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK</p> |
| Purity | > 98% |

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| Applications | WB; ELISA; FACS; FC |
| Stability | This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use. |
| Storage | At -20 centigrade. |
| Concentration | 1 mg/mL |
| Storage Buffer | PBS (pH 7.4-7.5). Sterile-filtered colorless solution. |
| Reconstitution | Reconstitute in sterile distilled H ₂ O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance. |

GENE INFORMATION

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| Official Symbol | IgG |
| Synonyms | IGHG1; IgG; IgG1 |

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