

Recombinant Human IGHG1 protein, His-SUMO-tagged

Cat. No. IGHG1-3086H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGHG1 protein(P01857)(1-479aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-479aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	68.5 kDa
AA Sequence	MKFGLSWIFLPAILKGVQCEVQLVESGGGLVKAGGSLRLSCAASGFSFSDAWMSW ARQPPGKGLEWLGRIKRKSDGGTTEYAAHVKGRIISRDDSKYMVYMQMNSLKTED TAVYYCNTDARSVGSLEWPNYYHGMNVWGEGTTVTVSSASTKGPSVFPLAPSSKS TSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPS SSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKP KDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVV SVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTK NQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSR WQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
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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