

Recombinant Human HBG1 protein, His-Myc-tagged

Cat. No. HBG1-20H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HBG1 protein(P69891)(2-147aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-147aa
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	23.0 kDa
AA Sequence	GHFTEEDKATITSLWGKVNVEDAGGETLGRLLVVYPWTQRFFDSFGNLSSASAIMG NPKVKAHGKKVLTSLGDAIKHLDDLKGTFAQLSELHCDKLHVDPENFKLLGNVLVTV LAIHFGKEFTPEVQASWQKMVTAVASALSSRYH
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.

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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%. Customers could use it as reference.

GENE INFORMATION

Gene Name [HBG1 hemoglobin, gamma A \[Homo sapiens \]](#)

Official Symbol [HBG1](#)

Synonyms

HBG1; hemoglobin, gamma A; hemoglobin subunit gamma-1; hb F A gamma; gamma globin; A-gamma globin; gamma-1-globin; gamma A hemoglobin; hemoglobin gamma-1 chain; hemoglobin gamma-a chain; hemoglobin, gamma, regulator of; HBGA; HBGR; HSGGL1; PRO2979;

Gene ID [3047](#)

mRNA Refseq [NM_000559](#)

Protein Refseq [NP_000550](#)

MIM [142200](#)

UniProt ID [P69891](#)

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