

Recombinant Human HBG1 protein, His-tagged

Cat. No. HBG1-3692H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HBG1 protein(1-118 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-118 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MGHFTTEEDKATITSLWGKVNVEDAGGETLGRLLVVYPWTQRFFDSFGNLSSASAIM GNPKVKAHGKKVLTSLGDATEKHLDDLKGTFAQLSELHCDKLHVDPENFKLLGNVLVT VLAIH
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	HBG1 hemoglobin, gamma A [Homo sapiens]
Official Symbol	HBG1
Synonyms	HBG1; hemoglobin, gamma A; hemoglobin subunit gamma-1; hb F Agamma; 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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