

Recombinant Human HBG1 protein, GST-tagged

Cat. No. HBG1-30144H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HBG1 (1-118 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-His118
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MGHFTTEEDKATITSLWGKVNVEDAGGETLGRLLVVYPWTQRFFDSFGNLSSASAIM GNPKVKAHGKKVLTSLGDA TKHLDDLKGTFAQLSELHCDKLHVDPENFKLLGNVLVT VLAIH
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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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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