

Hemoglobin Gamma A Recombinant Protein | HBG1 recombinant protein

Recombinant Human Hemoglobin Gamma A

CATALOG # AAA39099	HOST E Coli
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PRODUCT SYNONYMS

Hemoglobin Gamma A; Recombinant Human Hemoglobin Gamma A; HBG1 Human; Hemoglobin Gamma A Human Recombinant; HBGA; HBGR; HSGGL1; PRO2979; Hemoglobin subunit gamma-1; Gamma-1-globin; Hb F Agamma; Hemoglobin gamma-1 chain; Hemoglobin gamma-A chain; HBG1; HBG1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 85% as determined by SDS-PAGE.
Form/Format	Sterile Filtered clear solution. The HBG1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.
Sequence	MGSSHHH HHHSSGLVPR GSHMGS MGHFTEEDKA TITSLWGKVN VEDAGGETLG RLLVVYPWTQ RFFDSFGNLS SASAIMGNPK VKAHGKKVLT SLGDATEKHL DKGTFQAQLS ELHCDKLHVD PENFKLLGNV LTVLAIHFG KEFTPEVQAS WQKMVTAVAS ALSSRYH
Sequence Length	147
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for HBG1 recombinant protein	Description: HBG1 Human Recombinant produced in E Coli is a single polypeptide chain containing 170 amino acids (1-147) and having a molecular mass of 18kDa. HBG1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for HBG1 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Hemoglobin

NCBI AND UNIPROT INFORMATION

NCBI GI #	28302131
NCBI GeneID	3047
NCBI Accession #	NP_000550.2
NCBI GenBank Nucleotide #	NM_000559.2
UniProt Accession #	P69891 ; P02096 ; P62027 ; Q549G1 ; Q8TDA1 ; Q96FH7
NCBI Official Full Name	hemoglobin subunit gamma-1
NCBI Official Synonym Full Names	hemoglobin, gamma A
NCBI Official Symbol	HBG1

NCBI Official Synonym Symbols	HBGA; HBGR; HBG-T2; HSGGL1; PRO2979
NCBI Protein Information	hemoglobin subunit gamma-1; A-gamma globin; gamma A hemoglobin; gamma-1-globin; hb F Agamma; hemoglobin gamma-1 chain; hemoglobin gamma-a chain; hemoglobin, gamma, regulator of
UniProt Protein Name	Hemoglobin subunit gamma-1
UniProt Gene Name	HBG1
UniProt Entry Name	HBG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hbg1-recombinant-protein-e-coli/39099>