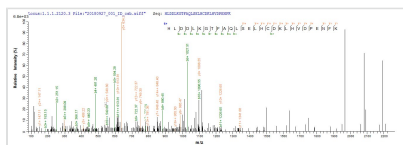




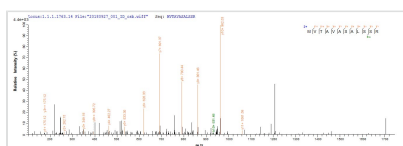
Recombinant Human Hemoglobin subunit gamma-1 (HBG1)

Product Code	CSB-EP010155HU
Abbreviation	Recombinant Human HBG1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P69891
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	GHFTEEDKATITSLWGKVNVEDAGGETLGRLLVVYPWTQRFFDSFGNLSSAS AIMGNPKVKAHGKKVLTSLGDAIKHLDDLKGTFAQLSELHCDKLHVDPENFKLL GNVLVTVLAIHFGKEFTPEVQASWQKMVTAVASALSSRYH
Research Area	Signal Transduction
Source	E.coli
Target Names	HBG1
Protein Names	Recommended name: Hemoglobin subunit gamma-1 Alternative name(s): Gamma-1-globin Hb F Agamma Hemoglobin gamma-1 chain Hemoglobin gamma-A chain
Expression Region	2-147aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	23.0 kDa
Protein Length	Full Length of Mature Protein

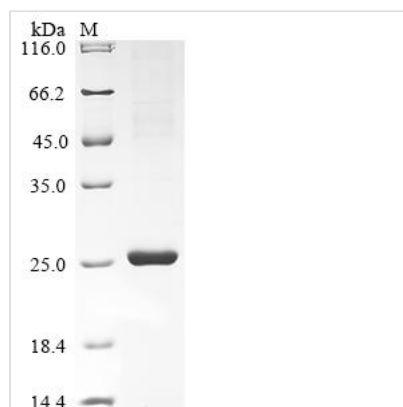
Image



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP010155HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) HBG1.



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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Discover the potential of our Recombinant Human HBG1, a high-quality reagent specifically designed for researchers working on signal transduction. Hemoglobin subunit gamma-1, also known as gamma-1-globin, is an essential component of fetal hemoglobin, playing a vital role in oxygen transport during early development. This product is engineered to deliver accurate and reliable results for your research projects.

Recombinant Human HBG1 is produced in E.coli, featuring the full length of the mature protein with an expression region ranging from 2-147 amino acids. The protein is N-terminal 10xHis-tagged and C-terminal Myc-tagged, allowing for straightforward purification and detection strategies. With a purity greater than 85% as determined by SDS-PAGE, this reagent ensures consistent performance and quality in your experimental workflows. Available in both liquid and lyophilized powder forms, Recombinant Human HBG1 offers the versatility to accommodate your specific research needs.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.