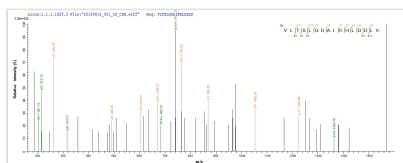




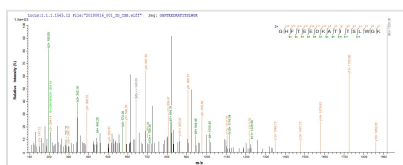
Recombinant Human Hemoglobin subunit gamma-2 (HBG2)

Product Code	CSB-EP010156HUa1
Abbreviation	Recombinant Human HBG2 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.	P69892
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	GHFTEEDKATITSLWGKVNVEDAGGETLGRLLVVYPWTQRRFFDSFGNLSSAS AIMGNPKVKAHGKKVLTSLGDAIKHLDDLKGTFAQLSELHCDKLHVDPENFKLL GNVLVTVLAIHFGKEFTPEVQASWQKMVTGVASALSSRYH
Research Area	Cardiovascular
Source	E.coli
Target Names	HBG2
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 6xHis-tagged and C-terminal Myc-tagged
Mol. Weight	23.0 kDa
Protein Length	Full Length of Mature Protein

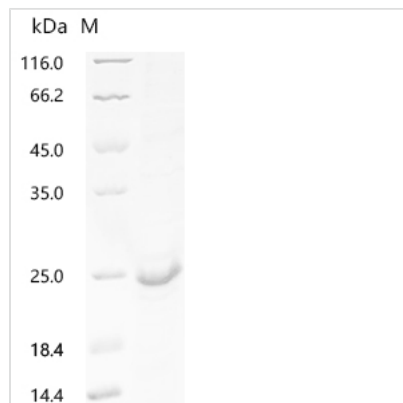
Image



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP010156HUa1 could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) HBG2.



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

Description

This premium-grade Recombinant Human HBG2 is a powerful tool for researchers in the cardiovascular field. Hemoglobin subunit gamma-2, also known as gamma-2-globin, plays a crucial role in fetal oxygen transport during early development. Our recombinant protein is designed to support your experimental endeavors with exceptional performance and reliability.

Recombinant Human HBG2 is expressed in E.coli, featuring the full length of the mature protein covering the expression region from 2-147 amino acids. The protein is N-terminal 6xHis-tagged and C-terminal Myc-tagged, facilitating straightforward purification and detection protocols. With a purity greater than 85% as determined by SDS-PAGE, this reagent ensures consistent performance and high quality for your research applications. Available in both liquid and lyophilized powder forms, Recombinant Human HBG2 is designed to accommodate your specific research requirements.

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.