



Recombinant Human CSH2 Protein Product Manual

1. Product Basic Information

Product No.: REP06566

Protein Name: Growth Hormone B1 (CSH2)

Aliases: PL; CSB; CS-GHB1; hCS-lactogen; choriomammotropin; growth hormone B1; placental lactogen

UniProt ID: P0DML3

UniProt Link: <https://www.uniprot.org/uniprotkb/P0DML3/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (27-217aa)

Molecular Weight: 53.8 kDa

Protein Tag: N-terminal 6xHis-GST-tagged

2. Amino Acid Sequence (27-217aa)

VQTVPLSRLFDHAMLQAHRAHQLAIDTYQEFEETYIPKDQKYSFLHDSQTSFCFSDS
IPTPSNMEETQQKSNLELLRISLLLIESWLEPVRFLRSMFANNLVYDTSDSDDYHLLK
DLEEGIQTLMGRLDGSRRTGQILKQTYSKFDTNSHNHDALLKNYGLLYCFRKDMD
KVETFLRMVQCERSVEGSCGF

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause

5. Product Description

This product is a recombinant Human CSH2 full length of mature protein protein (27-217aa) expressed in E.coli. The protein is with 6xHis-GST tag at the N-terminus, which facilitates protein purification, detection and identification. CSH2, also known as PL or CSB or CS-GHB1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.