



Recombinant Bovine LHB Protein Product Manual

1. Product Basic Information

Product No.: REP07347

Protein Name: Lutropin Beta Chain (LHB)

Aliases: CGB4; HH23; LSH-LSH-beta; lutropin beta chain; lutropin subunit beta; luteinizing hormone beta subunit; luteinizing hormone subunit beta; luteinizing hormone beta polypeptide; interstitial cell stimul...

UniProt ID: P01229

UniProt Link: <https://www.uniprot.org/uniprotkb/P01229/entry>

Species Source: Bos taurus (Bovine)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (21-141aa)

Molecular Weight: 17.0kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (21-141aa)

SRGPLRPLCQPINATLAAEKEACPVCITFTTSICAGYCPSMKRVLPVILPPMPQRVCT
YHELRFASVRLPGCPPGVDPMSFPVALSCHGPCRLSSTDCGGPRTQPLACDHP
PLPDILFL

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 Bovine LHB full length of mature protein protein (21-141aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. LHB, also known as CGB4 or HH23 or LSH-LSH-beta, 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.