



Recombinant Bovine INSL3 Protein Product Manual

1. Product Basic Information

Product No.: REP07238

Protein Name: Insulin-Like 3 (Leydig Cell) (INSL3)

Aliases: RLF; RLNL; ley-I-prepro-INSL3; insulin-like 3 (Leydig cell); leydig insulin - like hormone

UniProt ID: P51460

UniProt Link: <https://www.uniprot.org/uniprotkb/P51460/entry>

Species Source: Bos taurus (Bovine)

Expression System: E.coli

Protein Length: Partial (22-66aa)

Molecular Weight: 20.1 kDa

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

2. Amino Acid Sequence (22-66aa)

GPAAAQEAPEKLCGHHFVRALVRLCGGPRWSSEEDGRP VAGGDRE

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 protein denaturation and activity loss.

5. Product Description

This product is a recombinant Bovine INSL3 partial protein (22-66aa) expressed in E.coli. The protein is with 6xHis-KSI tag at the N-terminus, which facilitates protein purification, detection and identification. INSL3, also known as RLF or RLNL or ley-I-prepro-INSL3, 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.