



Recombinant strain K12 CLPS Protein Product Manual

1. Product Basic Information

Product No.: REP06487

Protein Name: Colipase, Pancreatic (CLPS)

Aliases: colipase; colipase, pancreatic; pancreatic colipase preproprotein

UniProt ID: P04118

UniProt Link: <https://www.uniprot.org/uniprotkb/P04118/entry>

Species Source: Escherichia coli (strain K12)

Expression System: E.coli

Protein Length: full length protein (1-106)

Molecular Weight:

Protein Tag: N-terminal His-tagged and C-terminal Myc-tagged/N-terminal His-SUMO-tagged and C-terminal Myc-tagged/N-terminal His-B2M-tagged and C-terminal Myc-tagged/N-terminal His-GST-tagged and C-terminal Myc-tagged/N-terminal His-tagged/N-terminal His-SUMO-tagged/N-terminal His-B2M-tagged/N-terminal His-GST-tagged/N-terminal GST-tagged/Tag-Free

2. Amino Acid Sequence (1-106)

MGKTNDWLDF DQLAEEKVRD ALKPPSMYKV ILVNDDYTPM EFVIDVLQKF
FSYDVERATQ LMLAVHYQGK AICGVFTA EV AETKVAMVNK YARENEHPLL
CTLEKA

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



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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 strain K12 CLPS full length protein protein (1-106) expressed in E.coli. The protein is tag-free. CLPS, also known as colipase or colipase, pancreatic or pancreatic colipase preproprotein, 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.