



Recombinant Fruit fly GIP Protein Product Manual

1. Product Basic Information

Product No.: REP06977

Protein Name: Incretin Hormone (GIP)

Aliases: incretin hormone; gastric inhibitory polypeptide; glucose-dependent insulinotropic polypeptide

UniProt ID: P09681

UniProt Link: <https://www.uniprot.org/uniprotkb/P09681/entry>

Species Source: Drosophila melanogaster (Fruit fly)

Expression System: E.coli

Protein Length: Partial (722-976aa)

Molecular Weight: 36.9

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (722-976aa)

KDSKESENKNFPNDSRKIIQTEFPNESKECDNIQFLKDSKESENKNFPNDSRKIIQTE
FPNESKECDNIQFLKDSKESNKYFLNESKKRKRDDHLNESKGSGNPNESRESETAE
HLKEIGIDNPTKNDGIEIINRRSERLKTQPKQISYNEEDNSLNKVVLAHTIFNDVPNSF
DEIQYRDDKSSWEEAINTELNAHKINNTWTITKRPENKNIVDSRWVFSVKYNELGNP
IRYKARLVARGFTQKYQIDYEETFA

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

5. Product Description

This product is a recombinant Fruit fly GIP partial protein (722-976aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. GIP, also known as incretin hormone or gastric inhibitory polypeptide or glucose-dependent insulinotropic polypeptide, 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.