

# Recombinant Human Gastric inhibitory polypeptide/GIP Protein

Catalog No.: RP01818 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	2695	P09681

### Tags

N-hFc

### Synonyms

GIP; Incretin; Gastric inhibitory polypeptide

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

### Endotoxin

< 0.01EU/μg

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Background

The potential application of glucose-dependent insulinotropic polypeptide (gastric inhibitory polypeptide, GIP) in the management of obesity and type 2 diabetes has been controversial. Initial interest in the therapeutic use of GIP was dampened by evidence that its insulinotropic activity was reduced in type 2 diabetes and by reports that it increased glucagon secretion and adipose deposition in non-diabetic individuals.

## Basic Information

### Description

Recombinant Human GIP Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Tyr52-Gln93) of human GIP (Accession #NP\_004114.1) fused with a hFc tag at the N-terminus.

### Bio-Activity

#### Storage

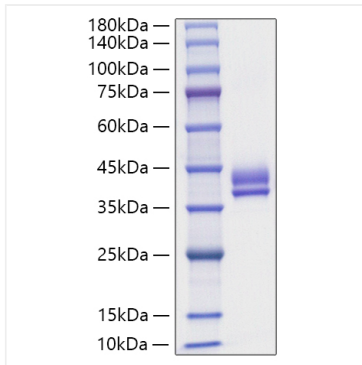
Store the lyophilized protein at -20°C to -80°C for 12 months.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Validation Data

---



Recombinant Human Gastric inhibitory polypeptide/GIP Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 35-45 kDa.