

Recombinant Full Length Human GIP Protein

Cat. No. GIP-198HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GIP with a proprietary tag; Predicted MWt 42.9 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	153 amino acids
Description	This gene encodes an incretin hormone and belongs to the glucagon superfamily. The encoded protein is important in maintaining glucose homeostasis as it is a potent stimulator of insulin secretion from pancreatic beta-cells following food ingestion and nutrient absorption. This gene stimulates insulin secretion via its G protein-coupled receptor activation of adenylyl cyclase and other signal transduction pathways. It is a relatively poor inhibitor of gastric acid secretion.
Form	Liquid
Molecular Mass	42.900kDa inclusive of tags
AA Sequence	MVATKTFALLLLSLFLAVGLGEKKEGHFSALPSLPVGS SHAKVSSPQPRGPRYAEGTF ISDYSIAMDKIHQQDFVNWLLAQKGGKNDWKHNITQREARALELASQANRKEEEAVE PQSSPAKNPSDEDLLRDLLIQELLACLLDQTNLCRLRSR
Purity	Proprietary Purification

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [GIP gastric inhibitory polypeptide \[Homo sapiens \]](#)

Official Symbol [GIP](#)

Synonyms GIP; gastric inhibitory polypeptide; glucose dependent insulinotropic polypeptide

Gene ID [2695](#)

mRNA Refseq [NM_004123](#)

Protein Refseq [NP_004114](#)

MIM [137240](#)

UniProt ID [P09681](#)

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