

# Gastric Inhibitory Peptide (GIP), human

**Product Code:** TDP-4220

**Price: \$199.00**

## Description

GIP, also known as gastric inhibitory polypeptide, or glucose-dependent insulintropic polypeptide, is a 42-amino-acid peptide hormone synthesized in and secreted from K cells in the intestinal epithelium. There are two major GIP molecular forms in circulation, GIP (1-42) and GIP(3-42). Previous studies have demonstrated that GIP (3-42) is a degraded form of GIP (1-42) by the enzyme DPPIV. GIP secretion is primarily regulated by nutrients, especially fat. GIP exhibits

## Specification

Chemical	
CAS #	100040-31-1
Form	Lyophilized
Molecular Formula	C <sub>226</sub> H <sub>338</sub> N <sub>60</sub> O <sub>66</sub> S
Molecular Weight	4983.58
Purity	>95% by HPLC
Reconstitution	Reconstitute with PBS or H <sub>2</sub> O to desired concentration. Due to the nature of this peptide, it is recommended to first mix with 10 ul of DMSO.
Sequence	YAEGTFISDYSIAMDKIHQQDFVNWLLAQKG KKNDWKHNITQ-OH
Solubility	Soluble to 1 mg/ml in water
Shipping and Handling	
Storage Condition	Store at -20°C