

AR31125PU-S**Human (Pro3) Gastric inhibitory polypeptide**

Alternate names:	GIP, Glucose-dependent insulinotropic polypeptide
Quantity:	0.1 mg
Background:	The gastric inhibitory peptide (GIP) is a potent stimulator of insulin secretion and poor inhibitor of gastric acid secretion.
Uniprot ID:	P09681
NCBI:	NP_004114.1
GeneID:	2695
Species:	Human
Format:	State: Purified peptide Purity: >95% by HPLC
Applications:	Bioactivity Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	Human (Pro3) Gastric Inhibitory Peptide (GIP). Formula: C ₂₂₆ H ₃₃₈ N ₆₀ O ₆₆ S AA Sequence: YAPGTFISDYSIAMDKIHQQDFVNWLLAQKGGKNDWKHNITQ-OH [^] (1-letter code). Tyr-Ala-Pro-Gly-Thr-Phe-Ile-Ser-Asp-Tyr-Ser-Ile-Ala-Met-Asp-Lys-Ile-His-Gln-G In-Asp-Phe-Val-Asn-Trp-Leu-Leu-Ala-Gln-Lys-Gly-Lys-Lys-Asn-Asp-Trp-Lys-His-As n-Ile-Thr-Gln-OH (3-letter code). Molecular weight: 4951.57 Da
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.