

Product datasheet for **AR31124PU-L**

Gastric inhibitory polypeptide Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Gastric inhibitory polypeptide human protein, 1.0 mg
Species:	Human
Expression cDNA Clone or AA Sequence:	YAEGTFISDY SIAMDKIHQQ DFNWLLAQK GKKNDWKHNI TQ-OH (1-letter code). Tyr-Ala-Glu-Gly-Thr-Phe-Ile-Ser-Asp-Tyr-Ser-Ile-Ala-Met-Asp-Lys-Ile-His-Gln-Gln-Asp-Phe-Val-Asn-Trp-Leu-Leu-Ala-Gln-Lys-Gly-Lys-Lys-Asn-Asp-Trp-Lys-His-Asn-Ile-Thr-Gln-OH (3-letter code).
Predicted MW:	4983.57 Da
Purity:	>95% by HPLC
Buffer:	State: Lyophilized purified peptide
Preparation:	Lyophilized purified peptide
Protein Description:	Human Gastric Inhibitory Peptide. Formula: C ₂₂₆ H ₃₃₈ N ₆₀ O ₆₆ S
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
RefSeq:	NP_004114
Locus ID:	2695
UniProt ID:	P09681
Cytogenetics:	17q21.32
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Secreted Protein



[View online »](#)