

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

<b>Alternate names:</b>	GIP, Glucose-dependent insulinotropic polypeptide
<b>Quantity:</b>	1.0 mg
<b>Background:</b>	The gastric inhibitory peptide (GIP) is a potent stimulator of insulin secretion and poor inhibitor of gastric acid secretion.
<b>Uniprot ID:</b>	<a href="#">P09681</a>
<b>NCBI:</b>	<a href="#">NP_004114.1</a>
<b>GeneID:</b>	<a href="#">2695</a>
<b>Species:</b>	Human
<b>Format:</b>	<b>State:</b> Purified peptide <b>Purity:</b> >95% by HPLC
<b>Applications:</b>	Bioactivity Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Description:</b>	Human (Pro3) Gastric Inhibitory Peptide (GIP). <b>Formula:</b> C <sub>226</sub> H <sub>338</sub> N <sub>60</sub> O <sub>66</sub> S <b>AA Sequence:</b> YAPGTFISDYSIAMDKIHQQDFVNWLLAQKGGKNDWKHNITQ-OH <sup>^</sup> (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). <b>Molecular weight:</b> 4951.57 Da
<b>Storage:</b>	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.