**SUMIT**
**Biosciences Pvt Ltd**

# Datasheet

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|---|---|---|
| Product code | : | DRP1480 |
| Category | : | Diabetes Research Peptides |
| Name | : | Gastric Inhibitory Polypeptide (3-42) (human) trifluoroacetate salt |
| Sequence | : | H-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 trifluoroacetate salt |
| One Letter Code | : | EGTFISDYSIAMDKIHQQDFVNWLLAQKGKKNDWKHNITQ |
| Formula | : | $C_{214}H_{324}N_{58}O_{63}S$ |
| Molecular weight | : | 4749.35 gm/mole |
| CAS | : | 1802086-25-4 |
| Synonyms | : | GIP (3-42) (human), Glucose-Dependent Insulinotropic Polypeptide (3-42) (human) |
| Details | : | Gastric inhibitory polypeptide (3-42) represents the major physiological degradation product of gastric inhibitory polypeptide (GIP). It is generated by proteolytic processing of GIP by dipeptidyl peptidase IV (DPP IV). |
| Specification | : | Purity: min. 95% (RP-HPLC, 214nm)<br>Identity: MALDI-MS<br>Counter ion: trifluoroacetate |
| Storage | : | -20 ± 5 °C |
| Price | : | On request |

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