

human GIP(3-30), amide TFA

Cat. No.:	HY-P10138A
Molecular Formula:	$C_{150}H_{226}N_{38}O_{44}S.xC_2HF_3O_2$
Sequence:	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-NH ₂ EGTFISDYSIAMDKIHQQDFVNWLLAQK-NH ₂ (TFA salt)
Sequence Shortening:	EGTFISDYSIAMDKIHQQDFVNWLLAQK-NH ₂
Target:	Insulin Receptor
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Sealed storage, away from moisture and light Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	human GIP(3-30), amide TFA is a high affinity antagonist of the human GIP receptor in vitro ^[1] .
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REFERENCES

[1]. Sparre-Ulrich AH, et al. GIP(3-30)NH₂ is a potent competitive antagonist of the GIP receptor and effectively inhibits GIP-mediated insulin, glucagon, and somatostatin release. *Biochem Pharmacol.* 2017;131:78-88.

Caution: Product has not been fully validated for medical applications. For research use only.

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