

Prokineticin 2 Isoform 2 (human)

Cat. No.:	HY-P4815
CAS No.:	423206-00-2
Molecular Formula:	C ₃₇₉ H ₆₁₆ N ₁₁₄ O ₁₀₁ S ₁₃
Molecular Weight:	8802.49
Sequence:	Ala-Val-Ile-Thr-Gly-Ala-Cys-Asp-Lys-Asp-Ser-Gln-Cys-Gly-Gly-Gly-Met-Cys-Cys-Ala-Val-Ser-Ile-Trp-Val-Lys-Ser-Ile-Arg-Ile-Cys-Thr-Pro-Met-Gly-Lys-Leu-Gly-Asp-Ser-Cys-His-Pro-Leu-Thr-Arg-Lys-Val-Pro-Phe-Phe-Gly-Arg-Arg-Met-His-His-Thr-Cys-Pro-Cys-Leu-Pro-Gly-Leu-Ala-Cys-Leu-Arg-Thr-Ser-Phe-Asn-Arg-Phe-Ile-Cys-Leu-Ala-Gln-Lys
Sequence Shortening:	AVITGACDKDSQCGGGMCCAIVSIWVKSIRICTPMGKLGDSCHPLTRKVPFAVITGACDKDSQCGGMCCAIVSIWVKSIRICTPMGKLGDSCHPLTRKVPF
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Prokineticin 2 Isoform 2 (human) is a hypothalamic neuropeptide. Prokineticin 2 Isoform 2 (human) decreases food intake and involves in thermoregulation and energy metabolism in rodents. Prokineticin 2 has the potential for the research of hyperglycemia, metabolic syndrome (MetS) and obesity^[1].

REFERENCES

[1]. Mortreux M, et al. New roles for prokineticin 2 in feeding behavior, insulin resistance and type 2 diabetes: Studies in mice and humans. Mol Metab. 2019 Nov;29:182-196.

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

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