

Relaxin H3 (human)

Cat. No.:	HY-P4890
CAS No.:	1158181-62-4
Molecular Formula:	C ₂₃₇ H ₃₇₄ N ₇₀ O ₆₉ S ₆
Molecular Weight:	5500.32
Sequence:	Chain 1:Arg-Ala-Ala-Pro-Tyr-Gly-Val-Arg-Leu-Cys-Gly-Arg-Glu-Phe-Ile-Arg-Ala-Val-Ile-Phe-Thr-Cys-Gly-Gly-Ser-Arg-Trp Chain 2:Asp-Val-Leu-Ala-Gly-Leu-Ser-Ser-Ser-Cys-Cys-Lys-Trp-Gly-Cys-Ser-Lys-Ser-Glu-Ile-Ser-Ser-Leu-Cys (Disulfide bridge:Chain 1 Cys10-Chain 2 Cys11;Chain 1 Cys22-Chain 2 Cys24;Chain 2 Cys10-Chain 2 Cys15)
Sequence Shortening:	Chain 1:RAAPYGVRLCGREFIRAVIFTCGGSRW Chain 2:DVLAGLSSSCCKWGCSKSEISLC (Disulfide bridge:Chain 1 Cys10-Chain 2 Cys11;Chain 1 Cys22-Chain 2 Cys24;Chain 2 Cys10-Chain 2 Cys15)
Target:	RXFP Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Relaxin H3 (human) is a kind of relaxin peptide. Relaxin H3 (human) exerts antifibrotic actions via RXFP1^[1].

REFERENCES

[1]. Mohammed Akhter Hossain , et al. H3 relaxin demonstrates antifibrotic properties via the RXFP1 receptor. Biochemistry. 2011, 50, 8.

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

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