Relaxin H3 (human) (TFA)

Cat. No.:	HY-P4890A
Molecular Formula:	$C_{237}H_{374}N_{70}O_{69}S_6.xC_2HF_3O_2$
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:DVLAGLSSSCCKWGCSKSEISSLC (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.

Chain 1:RAAPYGVRLCGREFIRAVIFTCGGSRW Chain 2:DVLAGLSSSCCKWGCSKSEISSLC (Disulfide bridge:Chain 1 Cys10-Chain 2 Cys11;Chain 1 Cys22-Chain 2 Cys24;Chain 2 Cys10-Chain 2 Cys15) (TFA salt)

BIOLOGICAL ACTIVITY

Description	Relaxin H3 (human) (TFA) is a kind of relaxin peptide. Relaxin H3 (human) (TFA) 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.

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