

Hepcidin-25 (human)

Cat. No.:	HY-P3494
CAS No.:	1356390-47-0
Molecular Formula:	C ₁₁₃ H ₁₇₀ N ₃₄ O ₃₁ S ₉
Molecular Weight:	2789.35
Sequence:	Asp-Thr-His-Phe-Pro-Ile-Cys-Ile-Phe-Cys-Cys-Gly-Cys-Cys-His-Arg-Ser-Lys-Cys-Gly-Met-Cys-Cys-Lys-Thr (Disulfide bridge:Cys7-Cys23; Cys10-Cys13; Cys11-Cys19; Cys14-Cys22)
Sequence Shortening:	DTHFPICIFCCGCCHRSKCGMCKKT (Disulfide bridge:Cys7-Cys23; Cys10-Cys13; Cys11-Cys19; Cys14-Cys22)
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Hepcidin-25 (human) is an iron metabolism modulator. Hepcidin-25 (human) shows anti-inflammatory and anti-bacterial activity via modulation of iron-mediated oxidant injury^[1].

REFERENCES

[1]. Ueda N, et al. Role of Hepcidin-25 in Chronic Kidney Disease: Anemia and Beyond. *Curr Med Chem*. 2017;24(14):1417-1452.

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

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