

## Seabream hepcidin

<b>Cat. No.:</b>	HY-P5626
<b>Molecular Formula:</b>	C <sub>92</sub> H <sub>145</sub> N <sub>35</sub> O <sub>21</sub> S <sub>9</sub>
<b>Molecular Weight:</b>	2365.94
<b>Sequence:</b>	Cys-Arg-Phe-Cys-Cys-Arg-Cys-Cys-Pro-Arg-Met-Arg-Gly-Cys-Gly-Leu-Cys-Cys-Arg-Phe (Disulfide bridge:Cys1-Cys8, Cys2-Cys7, Cys3-Cys6, Cys4-Cys5)
<b>Sequence Shortening:</b>	CRFCCRCCPRMRGCLCCRF (Disulfide bridge:Cys1-Cys8, Cys2-Cys7, Cys3-Cys6, Cys4-Cys5)
<b>Target:</b>	Bacterial
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	Seabream hepcidin is an antimicrobial peptide with anti-bacterial ( <i>V.anguillarum</i> ), fungal ( <i>S.cerevisiae</i> ) and viral hemorrhagic septicemia virus activity <sup>[1]</sup> .
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### REFERENCES

[1]. Cuesta A, et al. The antimicrobial peptide hepcidin exerts an important role in the innate immunity against bacteria in the bony fish gilthead seabream. *Mol Immunol.* 2008 Apr;45(8):2333-42.

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

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