

## PP102

<b>Cat. No.:</b>	HY-P5562
<b>Molecular Formula:</b>	C <sub>173</sub> H <sub>285</sub> N <sub>53</sub> O <sub>58</sub> S <sub>3</sub>
<b>Molecular Weight:</b>	4131.63
<b>Sequence:</b>	Gly-Ser-Cys-Ser-Cys-Ser-Gly-Thr-Ile-Ser-Pro-Tyr-Gly-Leu-Arg-Thr-Cys-Arg-Ala-Thr-Lys-Thr-Lys-Pro-Ser-His-Pro-Thr-Thr-Lys-Glu-Thr-His-Pro-Gln-Thr-Leu-Pro-Thr
<b>Sequence Shortening:</b>	GSCSCSGTISPYGLRTRCATKTKPSHPTTKETHPQTLPT
<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>	PP102 is an antimicrobial peptide is active against gram-positive <i>B. subtilis</i> (MIC: 25 uM), <i>S. aureus</i> (MIC: 13.3 uM), <i>S. lutea</i> (MIC: 63 uM), and <i>B. pumilu</i> (MIC: 23 uM) <sup>[1]</sup> .
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## REFERENCES

[1]. Shen X, et al. Novel antimicrobial peptides identified from an endoparasitic wasp cDNA library. *J Pept Sci.* 2010 Jan;16(1):58-64.

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

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