

Cecropin B

Product Code: 1208-005

**Innopep
Peptide
Product**

Price: \$151.00

Short Description

KWKVFKKIEKMGRNIRNGIVKAGPAIAVLGEAKAL-NH₂

Description

Overview

Description

Cecropin B is a small antibacterial peptide from the giant silkworm, *Hyalophora cecropia*. Antimicrobial peptides are essential to innate host defense as effectors of pathogen clearance and can affect host cell to promote wound repair.

Sequence

Sequence (3 Letter)

KWKVFKKIEKMGRNIRNGIVKAGPAIAVLGEAKAL-NH₂
H-Lys-Trp-Lys-Val-Phe-Lys-Lys-Ile-Glu-Lys-Met-Gly-Arg-Asn-Ile-Arg-Asn-Gly-Ile-Val-Lys-Ala-Gly-Pro-Ala-Ile-Ala-Val-Leu-Gly-Glu-Ala-Lys-Ala-Leu-NH₂

Molecular Weight

3834.7

Properties

Purity

> 95% By HPLC

Storage

Store at -20 °C, cap vial tightly at all times.

References

Ref: Vaara, M. et al. Antimicrob. Agents Chemo. 38, 2498 (1994); Florack, D. et al. Transgenic Res. 4, 132 (1995); Lee, P. et al. Wound Repair Regen. 12, 351 (2004).