

PhD1

Cat. No.:	HY-P5647
Molecular Formula:	C ₁₆₇ H ₂₇₆ N ₆₂ O ₃₇ S ₆
Molecular Weight:	3936.76
Sequence:	Arg-Arg-Ile-Cys-Arg-Cys-Arg-Ile-Gly-Arg-Cys-Leu-Gly-Leu-Glu-Val-Tyr-Phe-Gly-Val-Cys-Phe-Leu-His-Gly-Arg-Leu-Ala-Arg-Arg-Cys-Cys-Arg (Disulfide bridge:Cys4-Cys32,Cys6-Cys21,Cys11-Cys31)
Sequence Shortening:	RRICRCRIGRCLGLEVYFGVCFHGLRARRCCR (Disulfide bridge:Cys4-Cys32,Cys6-Cys21,Cys11-Cys31)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

PhD1 is an antimicrobial peptide derived from monkey white blood cells. PhD1 has activity against bacteria and fungus *Candida albicans*^[1].

REFERENCES

[1]. Tsvetkova EV, et al. alpha-Defensins from blood leukocytes of the monkey *Papio hamadryas*. *Biochemistry (Mosc)*. 2006 Aug;71(8):879-83.

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

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