

Cathelicidin-2 (chicken)

Cat. No.:	HY-P10160
CAS No.:	1149347-67-0
Molecular Formula:	C ₁₄₇ H ₂₄₅ N ₅₁ O ₃₀
Molecular Weight:	3206.84
Sequence:	Arg-Phe-Gly-Arg-Phe-Leu-Arg-Lys-Ile-Arg-Arg-Phe-Arg-Pro-Lys-Val-Thr-Ile-Thr-Ile-Gln-Gly-Ser-Ala-Arg-Phe-NH ₂
Sequence Shortening:	RFGRLRKIRRRFRPKVTITIQGSARF-NH ₂
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Cathelicidin-2 chicken is antimicrobial peptide. Cathelicidin-2 chicken shows potent bactericidal and fungicidal activity against chicken-specific salmonella isolates^[1].

REFERENCES

[1]. van Dijk A, et al. Chicken heterophils are recruited to the site of Salmonella infection and release antibacterial mature Cathelicidin-2 upon stimulation with LPS. Mol Immunol. 2009;46(7):1517-1526.

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

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