

LMW peptide

Cat. No.:	HY-P5555
CAS No.:	1818202-23-1
Molecular Formula:	C ₇₅ H ₁₂₁ N ₂₁ O ₂₀ S ₂
Molecular Weight:	1701.02
Sequence:	Ala-Pro-Val-Pro-Phe-Ser-Cys-Thr-Arg-Gly-Cys-Leu-Thr-His-Leu-Val
Sequence Shortening:	APVPFSCTRGLTHLV
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	LMW peptide is an antimicrobial peptide. LMW peptide is active against Gram-positive and Gram-negative bacterial, such as <i>B. subtilis</i> , <i>L. monocytogenes</i> , <i>E. coli</i> , <i>P. aeruginosa</i> , <i>V. cholera</i> ^[1] .
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REFERENCES

[1]. Singh PK, et al. A non-pediocin low molecular weight antimicrobial peptide produced by *Pediococcus pentosaceus* strain IE-3 shows increased activity under reducing environment. *BMC Microbiol.* 2014 Aug 27;14:226.

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

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