

HBA(111-142)

Cat. No.:	HY-P5693
Molecular Formula:	C ₁₅₇ H ₂₄₇ N ₄₁ O ₄₅
Molecular Weight:	3428.89
Sequence:	Ala-Ala-His-Leu-Pro-Ala-Glu-Phe-Thr-Pro-Ala-Val-His-Ala-Ser-Leu-Asp-Lys-Phe-Leu-Ala-Ser-Val-Ser-Thr-Val-Leu-Thr-Ser-Lys-Tyr-Arg
Sequence Shortening:	AAHLPAEFTPAVHASLKDFLASVSTVLTSKYR
Target:	Bacterial; CMV; HSV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

HBA(111-142), an antimicrobial peptide, is a C-terminal 32-mer fragment of alpha-hemoglobin. HBA(111-142) has antibacterial activity against the ESKAPE panel of pathogens. HBA(111-142) forms amyloid fibrils, and has antiviral activities. HBA(111-142) inhibits measles and herpes viruses (HSV-1, HSV-2, HCMV)^[1].

REFERENCES

[1]. Olari LR, et al. The C-terminal 32-mer fragment of hemoglobin alpha is an amyloidogenic peptide with antimicrobial properties. Cell Mol Life Sci. 2023 May 17;80(6):151.

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

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