

## Defensin NP-3A

Cat. No.:	HY-P3981
CAS No.:	88402-03-3
Molecular Formula:	C <sub>163</sub> H <sub>265</sub> N <sub>63</sub> O <sub>44</sub> S <sub>6</sub>
Molecular Weight:	4003.63
Sequence Shortening:	GICACRRRFCPNSERFSGYCRVNGARYVRCCSRR
Target:	Bacterial; Melanocortin Receptor
Pathway:	Anti-infection; GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Defensin NP-3A (NP-3A; Corticostatin 1) is a human granulocyte peptide, with anti-ACTH activity. Defensins are antimicrobial peptides with and cytotoxic activity<sup>[1][2]</sup>.

### REFERENCES

- [1]. Singh A, et al. Structure of a novel human granulocyte peptide with anti-ACTH activity. *Biochem Biophys Res Commun*. 1988 Aug 30;155(1):524-9.
- [2]. Lehrer RI, et al. Defensins: antimicrobial and cytotoxic peptides of mammalian cells. *Annu Rev Immunol*. 1993;11:105-28.

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

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