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## DATASHEET

LL-37 (18-37) (human)

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### Product overview

<b>Name</b>	LL-37 (18-37) (human)
<b>Cat No</b>	HB9560
<b>Biological description</b>	Postsecretory product of <a href="#">LL-37 (human)</a> . Shows enhanced antibacterial and antifungal activity when compared to the full length antimicrobial peptide LL-37.
<b>Biological action</b>	Peptide
<b>Purity</b>	>95%
<b>Description</b>	Postsecretory product of <a href="#">LL-37 (human)</a>

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### Solubility & Handling

<b>Storage instructions</b>	-20 °C
<b>Solubility overview</b>	Soluble in acidic buffer
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use

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### Chemical Data

<b>Molecular Weight</b>	2468.9
<b>Molecular Formula</b>	$C_{109}H_{190}N_{36}O_{29}$
<b>Sequence (one letter)</b>	KRIVQRIKDFLRNLPRTES
<b>Sequence (three letter)</b>	H-Lys-Arg-Ile-Val-Gln-Arg-Ile-Lys-Asp-Phe-Leu-Arg-Asn-Leu-Val-Pro-Arg-Thr-Glu-Ser-OH

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### References

#### Postsecretory processing generates multiple cathelicidins for enhanced topical antimicrobial defense

Murakami M *et al* (2004) J Immunol 172(5)

**PubMedID** [14978112](#)

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