

LL-37,acetylated,amidated**Cat. No.:** RP20506**Size:** 1 mg**Alias:** LL-37,acetylated,amidated**Description:**

This LL-37 peptide is acetylated on the N-terminus and amidated on the C-terminus. It plays a key role in the first line of defense against local infection and systemic invasion of pathogens at sites of inflammation and wounds. Cytotoxic to both bacterial and normal eukaryotic cells, LL-37 is significantly resistant to proteolytic degradation in solution.

N-Terminal: Acetylation**C-Terminal:** NH₂**Sequence (one-letter code):**Ac-LLGDFFRKSKEKIGKEFKRIVQRIKDFLRNLPRTES-NH₂**Sequence (three-letter code):**

Ac-
{Leu}{Leu}{Gly}{Asp}{Phe}{Phe}{Arg}{Lys}{Ser}{Lys}{Glu}{Lys}{
Ile}{Gly}{Lys}{Glu}{Phe}{Lys}{Arg}{Ile}{Val}{Gln}{Arg}{Ile}{Lys}{
Asp}{Phe}{Leu}{Arg}{Asn}{Leu}{Val}{Pro}{Arg}{Thr}{Glu}{Ser}-
NH₂

Formula: C₂₀₇H₃₄₃N₆₁O₅₃**Molecular Weight:** 4,534.4**Purity:** > 95%**Storage:**

Store the peptide at -20°C.

Note:

*For Non-Clinical Research Use Only *

