

Aurein 1.1
Synthetic Peptide
Catalog # SP2244b**Specification**

Aurein 1.1 - Product InformationPrimary Accession
Sequence[P82386](#)
NH2-GLFDIIKKIAESI-CONH2**Aurein 1.1 - Additional Information****Other Names**

Aurein-11, AUR11

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Aurein 1.1 - Protein Information**Name** AUR11**Function**

Antimicrobial peptide with activity against *B.cereus*, *L.lactis*, *L.innocua* and *S.uberis* (PubMed:10951191). Probably acts by disturbing membrane functions with its amphipathic structure (PubMed:10951191). Inhibits the formation of NO by neuronal nitric oxide synthase (nNOS) at micromolar concentrations (PubMed:11784303). Acts by a non-competitive mechanism, probably by binding to calcium/calmodulin and as a consequence blocking calmodulin attachment to nNOS (By similarity).

Cellular Location

Secreted.

Tissue Location

Expressed by the skin dorsal glands.

Aurein 1.1 - Images