

Magainin 1
Synthetic Peptide
Catalog # SP2238a**Specification**

Magainin 1 - Product InformationPrimary Accession
Sequence[P11006](#)
NH2-GIGKFLHSAGKFGKAFVGEIMKS-COOH**Magainin 1 - Additional Information****Gene ID** 397766**Other Names**

Magainins, Small acidic peptide 1, Small acidic peptide 2, Small acidic peptide 3, Magainin-1, Magainin I, Magainin-2, Magainin II, magainins

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.

Magainin 1 - Protein Information**Name** magainins**Function**Antimicrobial peptides that inhibit the growth of numerous species of bacteria and fungi and induce osmotic lysis of protozoa. Rapidly inactivates channel catfish herpesvirus (ED₅₀)=48 uM) over a wide temperature range (PubMed:15193922). Magainins are membrane lytic agents.**Cellular Location**

Secreted.

Tissue Location

Synthesized in the stomach and stored in a novel granular multinucleated cell in the gastric mucosa. It is stored as active, processed peptides in large granules within the granular gland secretions of the skin

Magainin 1 - Images