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Magainin 1
Synthetic Peptide
Catalog # SP2238b

Specification

Magainin 1 - Product Information

Primary Accession	P11006
Sequence	**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 (ED(50)=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