

**Magainin 2**  
**Synthetic Peptide**  
**Catalog # SP2239b****Specification**

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**Magainin 2 - Product Information**Primary Accession  
Sequence[P11006](#)  
NH2-GIGKFLHSAKKFGKAFVGEIMNS-COOH**Magainin 2 - 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 2 - 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<sub>50</sub>)=48 uM) over a wide temperature range (PubMed:<a href="http://www.uniprot.org/citations/15193922" target="\_blank">15193922</a>). 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 2 - Images**