

mCRAMP, mouse
Synthetic Peptide
Catalog # SP2247a

Specification

mCRAMP, mouse - Product Information

Primary Accession
Sequence

[P51437](#)
NH2-GLLRKGGEKIGEKLLKKIGQKIKNFFQKLVP
QPE-COOH

mCRAMP, mouse - Additional Information

Gene ID 12796

Other Names

Cathelin-related antimicrobial peptide, Cramp, Cathelin-like protein, CLP, Camp, Cnlp, Cramp

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.

mCRAMP, mouse - Protein Information

Name Camp {ECO:0000312|MGI:MGI:108443}

Function

Antimicrobial protein that is an integral component of the innate immune system (By similarity). Binds to bacterial lipopolysaccharides (LPS) (By similarity).

Cellular Location

Secreted {ECO:0000250|UniProtKB:P54229}. Vesicle {ECO:0000250|UniProtKB:P54229}.
Note=Stored as pro-peptide in granules and phagolysosomes of neutrophils.
{ECO:0000250|UniProtKB:P54229}

Tissue Location

Expressed in granulocytes (at protein level) (PubMed:9148921). High expression in bone marrow and small intestine (PubMed:9148921, PubMed:8706928). Expressed in testis, spleen, stomach, and intestine (PubMed:9148921). Very low expression found in heart, lung and skeletal muscle (PubMed:9148921). No expression in brain, kidney or liver (PubMed:9148921).

mCRAMP, mouse - Images