

**mCRAMP, mouse**  
**Synthetic Peptide**  
**Catalog # SP2247a****Specification**

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**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**