

mCRAMP, mouse
Synthetic Peptide
Catalog # SP2247b**Specification**

mCRAMP, mouse - Product InformationPrimary 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 LocationSecreted {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:8706928, PubMed:9148921). 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