

## Recombinant Mouse Camp Protein, MYC/DDK-tagged

**Cat. No.** Camp-909M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse cathelicidin antimicrobial peptide (Camp), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | This gene encodes a member of the cathelicidin family of antimicrobial peptides that play an important role in the defense against microbial infection. The encoded preproprotein undergoes proteolytic processing to generate a mature polypeptide before secretion by host cells such as neutrophils, epithelial cells and macrophages. Mice lacking the encoded protein exhibit increased susceptibility to group A streptococcus and Escherichia coli infections. |
| <b>Molecular Mass</b>   | 19.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purity</b>           | >80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                         |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                      |

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Camp cathelicidin antimicrobial peptide \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Camp](#)

**Synonyms** Camp; cathelicidin antimicrobial peptide; CLP; Cnlp; MCLP; CAP18; Cramp; FALL39; cathelicidin antimicrobial peptide; cathelin-like protein; cathelin-related antimicrobial peptide

**Gene ID** [12796](#)

**mRNA Refseq** [NM\\_009921](#)

**Protein Refseq** [NP\\_034051](#)

**UniProt ID** [P51437](#)

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