

# Recombinant Full Length Human CAMP Protein, C-Flag-tagged

**Cat. No.** CAMP-299HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human CAMP Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | This gene encodes a member of an antimicrobial peptide family, characterized by a highly conserved N-terminal signal peptide containing a cathelin domain and a structurally variable cationic antimicrobial peptide, which is produced by extracellular proteolysis from the C-terminus. In addition to its antibacterial, antifungal, and antiviral activities, the encoded protein functions in cell chemotaxis, immune mediator induction, and inflammatory response regulation. |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 19.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MKTQRDGHSLGRWSLVLLLLGLVMPLAIIAQVLSYKEAVLRAIDGINQRSSDANLYRL<br>LDLDPRTMDGD PDTPKPVSTVKTVCPRTTQQSPEDCDFKKDGLVKRCMGTVT<br>LNQARGSFDISCDKDNKRFBALLGDFFR<br>KSKEKIGKEFKRIVQRIKDFLRNLVPRTESTRTRPLEQKLISEEDLAANDILDYKDDDD<br>KV                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                                                                                                                                                                                                                                                                         |

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <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.                                                                                                                      |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>      | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Protein Families</b> | Secreted Protein, Transmembrane                                                                                                               |
| <b>Full Length</b>      | Full L.                                                                                                                                       |

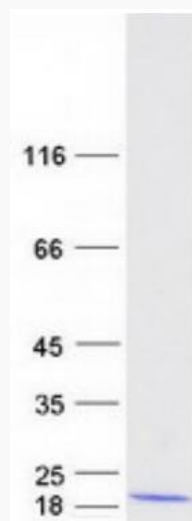
## GENE INFORMATION

|                        |                                                                  |
|------------------------|------------------------------------------------------------------|
| <b>Gene Name</b>       | CAMP cathelicidin antimicrobial peptide [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | CAMP                                                             |
| <b>Synonyms</b>        | LL37; CAP18; CRAMP; HSD26; CAP-18; FALL39; FALL-39               |
| <b>Gene ID</b>         | 820                                                              |
| <b>mRNA Refseq</b>     | NM_004345.5                                                      |
| <b>Protein Refseq</b>  | NP_004336.4                                                      |
| <b>MIM</b>             | 600474                                                           |
| <b>UniProt ID</b>      | P49913                                                           |

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Coomassie blue staining of purified CAMP protein.

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