# Recombinant Full Length Human CAMP Protein, GST-tagged

**Cat. No.** CAMP-2795HF **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human CAMP full-length ORF (NP_004336.2, 1 a.a. - 170 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | In Vitro Cell Free System |
| **ProteinLength** | 170 amino acids |
| **Description** | 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. [provided by RefSeq, Sep 2014] |
| **Molecular Mass** | 45.7 kDa |
| **AA Sequence** | MKTQRDGHSLGRWSLVLLLLGLVMPLAIIAQVLSYKEAVLRAIDGINQRSSDANLYRL LDLDPRPTMDGDPDTPKPVSFTVKETVCPRTTQQSPEDCDFKKDGLVKRCMGTVTL NQARGSFDISCDKDNKRFALLGDFFRKSKEKIGKEFKRIVQRIKDFLRNLVPRTES |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production |

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| | Protein Array |
| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

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| **Gene Name** | CAMP cathelicidin antimicrobial peptide [ Homo sapiens ] |
| **Official Symbol** | CAMP |
| **Synonyms** | CAMP; cathelicidin antimicrobial peptide; CAP18; FALL 39; FALL39; LL37; 18 kDa cationic antimicrobial protein; CRAMP; HSD26; CAP-18; FALL-39; |
| **Gene ID** | 820 |
| **mRNA Refseq** | NM_004345 |
| **Protein Refseq** | NP_004336 |
| **MIM** | 600474 |
| **UniProt ID** | P49913 |

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