



Catalog Number: PR27278

Product Type: Recombinant Protein

Source: E. Coli

Amino Acid Sequence: MGSSHHHHHH SGLVPRGSH MGSQVLSYKE AVLRAIDGIN QRSSDANLYR LLDLDPRTM DGDPTPKPV SFTVKETVCP RTTQQSPEDC DFKKDGLVKR CMGTVTLNQA RGSFDISCDK DNKRFBALLGD FFRKSKEKIG KEFKRIVQRI KDFLRNLVPR TES.

Description/Molecular Mass: CAMP belongs to the antimicrobial peptide family, contains highly conserved N-terminal signal peptide, a cathelin domain and a structurally variable cationic antimicrobial peptide that produced by extracellular proteolysis from the C-terminus. CAMP has numerous functions besides the antimicrobial activity such as: cell chemotaxis, immune mediator induction and inflammatory response regulation.

Purity: CAMP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 163 amino acids (34-173 a.a.) and having a molecular mass of 18.4kDa. CAMP is fused to a 23 amino acid His-tag at N-terminus.
Greater than 90.0% as determined by:
(a) Analysis by SDS-PAGE.

Format: CAMP protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.

Storage: Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage, it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

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