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## 32-3410: CAMP Recombinant Protein

**Alternative Name :** CAP-18,CAP18,CRAMP,FALL-39,FALL39,HSD26,LL37,18 kDa cationic antimicrobial protein,FALL-39 peptide antibiotic,Cathelicidin antimicrobial peptide.

## Description

Source : Escherichia Coli. 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. 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.

## Product Info

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|---|---|
| **Amount :** | 10 µg |
| **Purification :** | Greater than 90.0% as determined by SDS-PAGE. |
| **Content :** | CAMP protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol. |
| **Storage condition :** | 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. |
| **Amino Acid :** | MGSSHHHHHH SSGLVPRGSH MGSQVLSYKE AVLRAIDGIN QRSSDANLYR LLDLDPRPTM DGDPDTPKPV SFTVKETVCP RTTQQSPEDC DFKKDGLVKR CMGTVTLNQA RGSFDISCDK DNKRFALLGD FFRKSKEKIG KEFKRIVQRI KDFLRNLVPR TES. |

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