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## Product Data Sheet

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Product Name: CAMP Human  
 Cat. No.: GP22965  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CAP-18; CAP18; CRAMP; FALL-39; FALL39; HSD26; LL37; 18 kDa cationic antimicrobial protein; FALL-39 peptide antibiotic; Cathelicidin antimicrobial peptide.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSQVLSYKE AVLRAIDGIN QRSSDANLYR LLDLDPRTM DGDPDTPKPV SFTVKETVCP RTTQQSPEDC DFKKDGLVKR CMGTVTLNQA RGSFDISCDK DNKRFALLGD FFRKSKEKIG KEFKRIVQRI KDFLRNLVPR TES.		
Formulation	CAMP protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.		

### Introduction

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.

### Stability

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.

### Background

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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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