9051 Mira Mesa Blvd, #910094
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CAMP Human

Cathelicidin Antimicrobial Peptide Human Recombinant
RCP0330

Product Overview

Name	CAMP Human
Description	
Cathelicidin Antimicrobial Peptide Human Recombinant	
Accession (Primary)	P49913
Synonyms	
CAP-18, CAP18, CRAMP, FALL-39, FALL39, HSD26, LL37, 18 kDa cationic antimicrobial protein, FALL-39 peptide antibiotic, Cathelicidin antimicrobial peptide.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
CAMP protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MG SQVLSYKE AVLRAIDGIN QRSSDANLYR LLDLDPRPTM DGDPDTPKPV SFTVKETVCP RTTQQSPEDC DFKKDGLVKR CMGTVTLNQA RGSFDISCDK DNKRFALLGD FFRKSKEKIG KEFKRIVQRI KDFLRNLVPR TES.	
Precautions	

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CAMP Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P49913)