

Recombinant Human CAMP, His-tagged

Cat. No. CAMP-7577H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CAMP protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	34-170 aa
Antigen Description	CAMP is 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. The protein has several functions in addition to antimicrobial activity, including cell chemotaxis, immune mediator induction and inflammatory response regulation.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Molecular Mass	18.4 kDa (163aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSQVLSYKE AVLRAIDGIN QRSSDANLYR LLDLDPRTM DGDPTPKPV SFTVKETVCP RTTQQSPEDC DFKKDGLVKR CMGTVTLNQA RGSFDISCDK DNKRFALLGD FFRKSKEKIG KEFKRIVQRI KDFLRNLVPR TES

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Purity	>90% as determined by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml
GENE INFORMATION	
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
Chromosome Location	3p21.3
Pathway	Salivary secretion, organism-specific biosystem; Salivary secretion, conserved

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