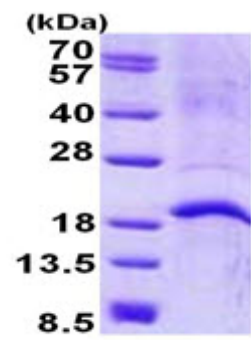


AR50845PU-N**Human CAMP / CAP18 (34-173, His-tag) - Purified**

Alternate names:	18 kDa cationic antimicrobial protein, Antibacterial protein LL-37, CAP-18, Cathelicidin antimicrobial peptide, FALL-39, FALL39, HSD26, hCAP-18
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	P49913
NCBI:	NP_004336.3
GeneID:	820
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Description:	Recombinant human CAMP protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHHH SSGLVPRGSH MGSQVLSYKE AVLRAIDGIN QRSSDANLYR LLDLDPRTM DGDPDTPKPV SFTVKETVCP RTTQQSPEDC DFKKDGLVKR CMGTVTLNQA RGSFDISCDK DNKR FALLGD FFRKSKEKIG KEFKRIVQRI KDFLRNLVPR TES Molecular weight: 18.4 kDa (163aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Nijnik,A.,et al. (2012) J. Leukoc. Biol. 91 (4), 599-607Rosen,G., et al. (2012) Infect. Immun. 80 (3), 1107-1114

Pictures:



15% SDS-PAGE (3ug)