

CAMP recombinant protein

CAMP, 34-173aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48830	HOST E Coli	APPLICATIONS SDS-Page
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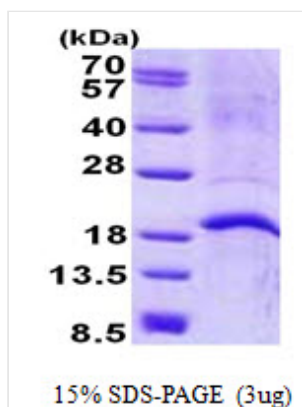
PRODUCT SYNONYMS

CAMP; 34-173aa; Human; His tag; E Coli (Denatured); Cathelicidin antimicrobial peptide preproprotein; CAP-18; CAP18; CRAMP; FALL-39; FALL39; HSD26; LL37; CAMP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSQVLSYKE AVLRAIDGIN QRSSDANLYR LLDLDPRTM DGDPTPKPV SFTVKETVCP RTTQQSPEDC DFKKDGLVKR CMGTVTLNQA RGSFDISCDK DNKRFALLGD FFRKSKEKIG KEFKRIVQRI KDFLRNLVPR TES
Sequence Length	173
Applicable Applications for CAMP recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CAMP recombinant protein	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. Recombinant human CAMP protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for CAMP recombinant protein	Immunology
References	Nijnik,A.,et al. (2012) J. Leukoc. Biol. 91 (4), 599-607; Rosen,G., et al. (2012) Infect. Immun. 80 (3), 1107-1114;

NCBI AND UNIPROT INFORMATION

NCBI GI #	348041314
NCBI GeneID	820
NCBI Accession #	NP_004336.3
NCBI GenBank Nucleotide #	NM_004345.4
UniProt Accession #	P49913; Q71SN9
Molecular Weight	18.4 kDa (163aa)
NCBI Official Full Name	cathelicidin antimicrobial peptide preproprotein
NCBI Official Synonym Full Names	cathelicidin antimicrobial peptide
NCBI Official Symbol	CAMP
NCBI Official Synonym Symbols	LL37; CAP18; CRAMP; HSD26; CAP-18; FALL39; FALL-39
NCBI Protein Information	cathelicidin antimicrobial peptide
UniProt Protein Name	Cathelicidin antimicrobial peptide
UniProt Gene Name	CAMP
UniProt Synonym Gene Names	hCAP-18

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/camp-recombinant-protein-e-coli-sds-page/48830>