

Cathelicidin Antimicrobial Recombinant Protein | CAMP recombinant protein

Recombinant Human Cathelicidin Antimicrobial Peptide

CATALOG # AAA39083	HOST E Coli
------------------------------	-----------------------

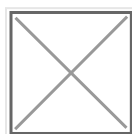
PRODUCT SYNONYMS

Cathelicidin Antimicrobial; Recombinant Human Cathelicidin Antimicrobial Peptide; CAMP Human; Cathelicidin Antimicrobial Peptide Human Recombinant; CAP-18; CAP18; CRAMP; FALL-39; FALL39; HSD26; LL37; 18 kDa cationic antimicrobial protein; FALL-39 peptide antibiotic; Cathelicidin antimicrobial peptide; CAMP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	CAMP protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol. Sterile Filtered clear solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMGS QVLSYKEAVL RAIDGINQRS SDANLYRLLD LDPRTMDGD PDTPKPVST VKETVCPRTT QQSPEDCDFK KDGLVKRCMG TVTLNQARGS FDISCDKNK RFALLGDFFR KSKEKIGKEF KRIVQRIKDF LRNLVPTES
Sequence Length	173
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CAMP recombinant protein	Description: 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. CAMP is fused to a 23 amino acid His-tag at N-terminus. 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.
Product Categories/Family for CAMP recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

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	19,301 Da
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; 18 kDa cationic antimicrobial protein
UniProt Protein Name	Cathelicidin antimicrobial peptide
UniProt Gene Name	CAMP
UniProt Synonym Gene Names	CAP18; FALL39; CAP-18; hCAP-18
UniProt Entry Name	CAMP_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/camp-recombinant-protein-e-coli/39083>