

Cathelicidin Antimicrobial Peptide Human Recombinant

Item Number	rAP-3926
Synonyms	CAP-18, CAP18, CRAMP, FALL-39, FALL39, HSD26, LL37, 18 kDa cationic antimicrobial protein, FALL-39 peptide antibiotic, Cathelicidin antimicrobial peptide.
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.
Uniprot Accession Number	P49913
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSQVLSYKE AVLRAIDGIN QRSSDANLYR LLDLDPRTM DGDPTPKPV SFTVKETVCP RTTQQSPEDC DFKKDGLVKR CMGTVTNLQA RGSFDISCDK DNKR- FALLGD FFRKSKEKIG KEFKRIVQRI KDFLRNLVPR TES.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	CAMP protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**