

Recombinant Human CAMP, GST-tagged

Cat. No. CAMP-10691H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAMP protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-170a.a.
Description	This gene encodes 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 encoded protein has several functions in addition to antimicrobial activity, including cell chemotaxis, immune mediator induction and inflammatory response regulation.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	CAMP cathelicidin antimicrobial peptide [Homo sapiens]
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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 biosystem; Tuberculosis, organism-specific biosystem; Tuberculosis, conserved biosystem;