

Recombinant Full Length Human CAMP Protein, GST-tagged

Cat. No. CAMP-2795HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CAMP full-length ORF (NP_004336.2, 1 a.a. - 170 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	170 amino acids
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. In addition to its antibacterial, antifungal, and antiviral activities, the encoded protein functions in cell chemotaxis, immune mediator induction, and inflammatory response regulation. [provided by RefSeq, Sep 2014]
Molecular Mass	45.7 kDa
AA Sequence	MKTQRDGHSLGRWVSLVLLLLGLVMPLAIIAQVLSYKEAVLRAIDGINQRSSDANLYRL LDLDPRTMDGDPDTPKPVSTVKEVCPRTTQQSPEDCDFKKGDLVKRCMGTVTL NQARGSFDISCDKNKRFALLGDFFRKSKEKIGKEFKRIVQRIKDFLRNLPRTES
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CAMP cathelicidin antimicrobial peptide [Homo sapiens]
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

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