

Product datasheet for **AR50845PU-S**

CAMP / CAP18 (34-173, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CAMP / CAP18 (34-173, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSQVLSYKE AVLRAIDGIN QRSSDANLYR LLDLDP RPMT DGDPTPKPV SFTVKETVCP RTTQQSPEDC DFKKDGLV KR CMGTVTLNQA RGSFDISCDK DNKR FALLGD FFRKSKEKIG KEFKRIVQRI KDFLRNLVPR TES
Tag:	His-tag
Predicted MW:	18.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CAMP protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_004336
Locus ID:	820
UniProt ID:	P49913 , J3KNB4 , A0A384NPRO
Cytogenetics:	3p21.31
Synonyms:	CAP-18; CAP18; CRAMP; FALL-39; FALL39; HSD26; LL37



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Summary:

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]

Protein Families:

Secreted Protein, Transmembrane

Product images: