Cathelicidin Antimicrobial Peptide (CAMP) Recombinant Protein | CAMP recombinant protein

Recombinant Cathelicidin Antimicrobial Peptide (CAMP)

CATALOG #	HOST	APPLICATIONS
AAA134659	**E.coli**	**Western Blot, SDS-Page**

PRODUCT SYNONYMS

Cathelicidin Antimicrobial Peptide (CAMP); Recombinant Cathelicidin Antimicrobial Peptide (CAMP); CAMP recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	SYRDAVLRAV DDFNQQSLDT NLYRLLDLDP EPQGDEDPDT PKSVRFRVKE TVCGKAERQL PEQCAFKEQG WKQCMGAVTL NPAADSFDIS CNEPGAQPFR FKKISRLAGL LRKGGEKIGE KLKKIGQKIK NFFQKLVPQP E
Applicable Applications for CAMP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ser31~Glu172
Organism Species	Mus Musculus (Mouse)
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.5
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. **Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

SDS-PAGE

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	226423895
NCBI GeneID	12796
NCBI Accession #	NP_034051.2
NCBI GenBank Nucleotide #	NM_009921.2
UniProt Accession #	P51437; Q0VB78
Molecular Weight	Predicted Molecular Mass: 48.1kDa Accurate Molecular Mass: 47kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	cathelin-related antimicrobial peptide
NCBI Official Synonym Full Names	cathelicidin antimicrobial peptide
NCBI Official Symbol	Camp
NCBI Official Synonym Symbols	Cnlp; MCLP; CAP18; Cramp; FALL39
NCBI Protein Information	cathelin-related antimicrobial peptide; CLP; cathelin-like protein
UniProt Protein Name	Cathelin-related antimicrobial peptide
UniProt Gene Name	**Camp**
UniProt Synonym Gene Names	Cnlp; Cramp; Cramp; CLP
UniProt Entry Name	CRAMP_MOUSE

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.

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Online datasheet: https://stage.aaabiotech.com/camp-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134659