SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Recombinant Cathelicidin Antimicrobial Peptide (CAMP)

Catalog Number: SIPC532Ra01 **Spec: 10ug**

Product Name	Recombinant Cathelicidin Antimicrobial Peptide (CAMP)
Catalog Number	SIPC532Ra01
Organism Species	Rat
Source	Prokaryotic expression
Host	E.coli
Residues	Gln30~Gln175
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Original Concentration	100μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	6.6
Predicted Molecular Mass	46.6kDa
Accurate Molecular Mass	47kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC 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°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.

[SEQUENCE]

```
                                Q TLSYREAVLR AVDDFNQQSL
DTNLYRLLDL DSEPQGDEDP DTPKYVRFRV KETVCSKASQ QLPEQCAFKE
QGVVKQCMGT VTLNQAAESF DISCDAPGIQ PFRFKKISRL AGLLRKGGEK
FGEKLRKIGQ KIKDFFQKLA PEIEQ
```

[IDENTIFICATION]

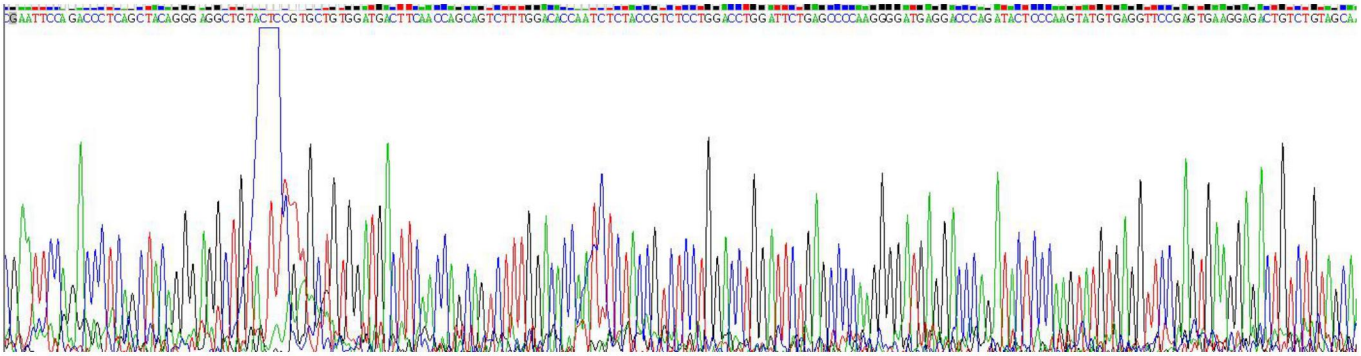


Figure . Gene Sequencing (extract)

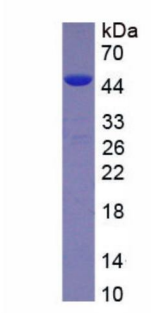


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.