RPA522Mu01 10µg

Recombinant Keratin 14 (KRT14)

Organism Species: *Mus musculus (Mouse)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Asn484

Tags: N-terminal His Tag

Subcellular Location: Nucleus, Cytoplasm

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 200μg/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: 5.1

Predicted Molecular Mass: 56.6kDa

Accurate Molecular Mass: 57kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8⁰C for one month.

Aliquot and store at -80⁰C 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.
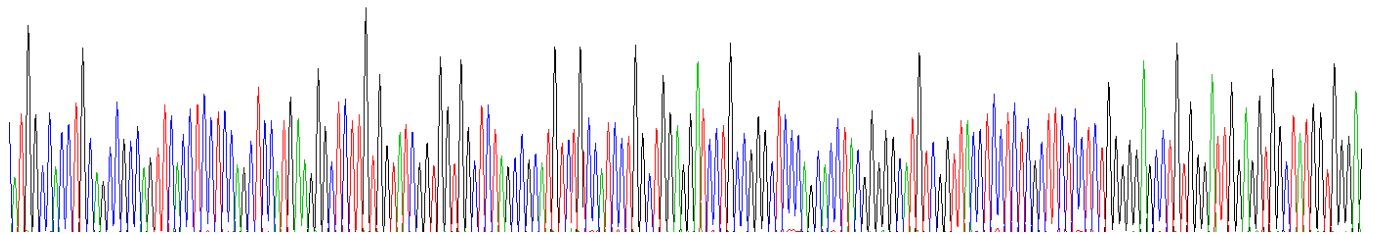
## [SEQUENCE]

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GGGLGGGLGG  GIGDGLLVGS  EKVTMQNLND  RLATYLDKVR  ALEEANTELE
VKIRDWYQRQ  RPTEIKDYSP  YFKTIEDLKS  KILAATVDNA  NVLLQIDNAR
LAADDFRTKF  ETEQSLRMSV  EADINGLRRV  LDELTLARAD  LEMQIESLKE
ELAYLKKNHE  EEMASMRGQV  GGDVNVEMDA  APGVDLSRIL  NEMRDQYEKM
AEKNRKDAEE  WFFSKTEELN  REVATNSELV  QSGKSEISEL  RRTMQNLEIE
LQSQLSMKAS  LENNLEETKG  RYCMQLAQIQ  EMIGSVEEQL  AQLRCEMEQQ
NQEYKILLDV  KTRLEQEIAT  YRRLLEGEDA  HLSSSQFSSS  SQFSSGSQSS
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```

[IDENTIFICATION]

Figure. Gene Sequencing (Extract)

15% SDS-PAGE
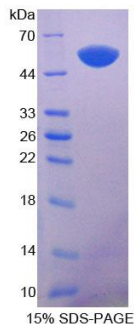
[IMPORTANT NOTE]

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.