

RPC241Ra01 100µg

Recombinant Telomerase Reverse Transcriptase (TERT)

Organism Species: *Rattus norvegicus* (Rat)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Thr673~His976

Tags: N-terminal His Tag

Subcellular Location: Nucleus, Cytoplasm, Chromosome

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Original Concentration: 120µg/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: 8.9

Predicted Molecular Mass: 35.8kDa

Accurate Molecular Mass: 35kDa 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 2-8°C for one month.

Aliquot and store at -80°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°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]

TSDSYRIW RTFVLRVRAL DQTPRMVFVK
 ADVTGAYDAI PQDKLVEIVA NIIRRESMY CIRQYAVVQK DSQQQVHKSF
 RRQVSTLSDL QPYMQQFTKH LQSDASALR NSVIEQSI MNETGSSLLH
 FFLRFVRHSV VKIDGRFYVQ CQGIPQGSSL STLLCSLCFG DMENKLFAEV
 QQDGLLLRFV DDFLLVTPHL AHAKAFLSTL VHGVPEYGCM INLQKTVVNF
 PVETGALGGA APHQLPAHCL FPWCGLLLDT RTLEVFCDYS GYGRTSIKMS
 LTFQGVSRAG KTMRYKLLSV LRLKCH

[IDENTIFICATION]

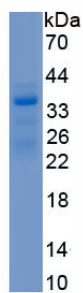


Figure. SDS-PAGE

[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.