

RPH217Hu01 100µg

Recombinant Replication Protein A1 (RPA1)

Organism Species: *Homo sapiens (Human)*

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: Asp18~Pro403

Tags: N-terminal His and GST Tag

Subcellular Location: Nucleus

Purity: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 50µg/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: 8.5

Predicted Molecular Mass: 72.0kDa

Accurate Molecular Mass: 72kDa 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]

DTN IKPILQVINI RPITGNSPP RYRLMSDGL
 NTLSSFMLAT QLNPLVEEEQ LSSNCVCQIH RFIVNTLKDG RRVVILMELE
 VLKSAEAVGV KIGNPVPYNE GLGQPQVAPP APAASPAASS RPQPQNGSSG
 MGSTVSKAYG ASKTFGKAAG PSLSHTSGGT QSKVVPIASL TPYQSKWTIC
 ARVTNKSQIR TWSNSRGEKG LFSLELVDES GEIRATAFNE QVDKFFPLIE
 VNKVYYFSKG TLKIANKQFT AVKNDYEMTF NNETSVMPCD DDHHLPTVQF
 DFTGIDDLEN KSKDSLVDII GICKSYEDAT KITVRSNNRE VAKRNIYLMQ
 TSGKVVATL WGEDADKFDG SRQPVLAIKG ARVSDFGGRS LSVLSSTII
 ANP

[IDENTIFICATION]

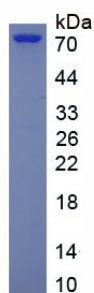


Figure. SDS-PAGE

[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.