

RPC045Mu01 200µg
Recombinant Survivin (Surv)
Organism Species: *Mus musculus* (Mouse)
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: Met1~Ala140

Tags: N-terminal His Tag

Subcellular Location: Nucleus, Cytoplasm, Chromosome

Purity: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 80µg/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: 5.7

Predicted Molecular Mass: 23.0kDa

Accurate Molecular Mass: 25&28kDa 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]

MGAPALPQIW QLYLKNYRIA TFKNWPFLLED CACTPERMAE AGFIHCPTEN
 EPDLAQCFFC FKELEGWEPD DNPIEEHRKH SPGCAFLTVK KQMEELTVSE
 FLKLDQRQAK NKIAKETNNK QKEFEETAKT TRQSIEQLAA

[IDENTIFICATION]

ATGGGAGCTCGGCGCTGCGCCGATCTGGGAGCTGTACTCAAGAACTACCGCATCCCACTTCAAGAACTGGCCCTTCTGGAGGACTGGCGCTGCACCTCAGAGCGAATGGCGGAGGCTGGCTTTCATCCACTGCGCTAOCGAGAACGAGCTGATTGGCCGAGTGTITTTTCTCTCTTAAGGAAITGGAAAGGCC
 M G A P A L P Q I V Q L Y L K N Y R I A T F K N W P F L E D C A C T S E R M A E A G F I H C P T E N E P D L A Q C F F C F K E L E G R

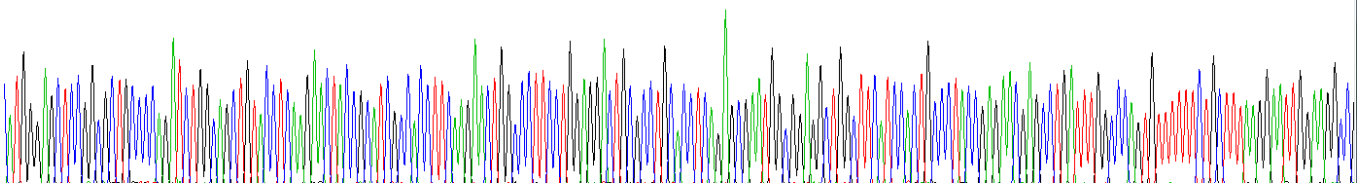


Figure. Gene Sequencing (Extract)

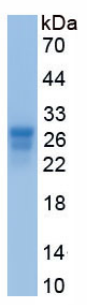


Figure. SDS-PAGE

[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.