Cloud-Clone Corp.

RPM264Hu01 50µg

Recombinant Specificity Protein 1 (Sp1)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

23603 W. Fernhurst Dr., Unit 2201, Katy, TX 77494, USA | 001-832-538-0970 | www.cloud-clone.us | mail@cloud-clone.us

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Leu260~Ala591

Tags: N-terminal His and GST Tag

Subcellular Location: Nucleus, Cytoplasm

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% Sarcosyl, 1mM DTT, 5% Trehalose and Proclin300.

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: 5.6

Predicted Molecular Mass: 63.5kDa

Accurate Molecular Mass: 63kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC 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]

L NGNITLLPVN SVSAATLTPS SQAVTISSSG SQESGSQPVT
SGTTISSASL VSSQASSSSF FTNANSYSTT TTTSNMGIMN FTTSGSSGTN
SQGQTPQRVS GLQGSDALNI QQNQTSGGSL QAGQQKEGEQ NQQTQQQQIL
IQPQLVQGGQ ALQALQAAPL SGQTFTTQAI SQETLQNLQL QAVPNSGPII
IRTPTVGPNG QVSWQTLQLQ NLQVQNPQAQ TITLAPMQGV SLGQTSSSNT
TLTPIASAAS IPAGTVTVNA AQLSSMPGLQ TINLSALGTS GIQVHPIQGL
PLAIANAPGD HGAQLGLHGA GGDGIHDDTA GGEEGENSPD A

[IDENTIFICATION]

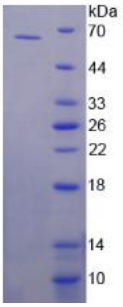

Figure. SDS-PAGE

[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.