

RPB975Mu01 10µg

Recombinant Tenascin C (TNC)

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: Cys174~Ser621

Tags: N-terminal His Tag

Subcellular Location: Secreted, Extracellular matrix

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: 4.6

Predicted Molecular Mass: 51.9kDa

Accurate Molecular Mass: 52kDa 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 2-8°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]

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CVCEPGW KGPNCSEPDC PGNCNLRGQC
LDGQCICDEG FTGEDCSQLA CPNDCNDQGR CVNGVCVCFE GYAGPDCGLE
VCPVPCSEEH GMCVDGRVC KDFAGEDCN EPLCLNNCYN RGRVCVENECV
CDEGFTGEDC SELICPNDCF DRGRINGTC YCEEGFTGED CGELTCPNDC
QGRGQCEEGQ CVCNEGFAGA DCSEKRCPAD CHHRGRCLNG QCECDDGFTG
ADCGLQCPN GCSGHGRVCN GQCVCDEGYT GEDCSQRRCP NDCHNRGLCV
QGKCICEQGF KGFDCSEMSC PNDCHQHGR VNGMCICDDD YTGEDCRDRR
CPRDCSQRGR CVDGQCICED GFTGPDAEL SCPDCHGHG RCVNGQCICH
EGFTGKDCKE QRCPSDCHGQ GRCEGQCIC HEGFTGLDCG QRSCPNDCSN
QGQCVSGRCI CNEGYTGIDC S

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[IDENTIFICATION]

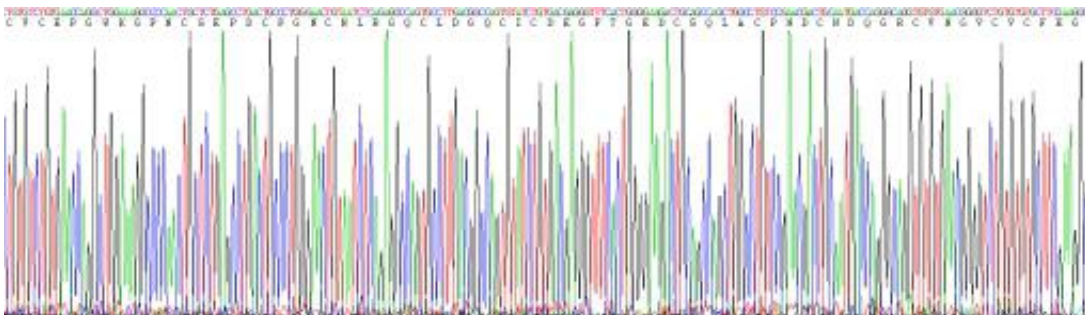


Figure . Gene Sequencing (extract)

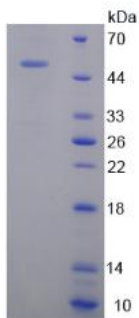


Figure. SDS-PAGE

[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.