RPB975Mu01 10μg

Recombinant Tenascin C (TNC)

Organism Species: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Cys174~Ser621

Tags: N-terminal His-Tag

Tissue Specificity: Lung Brain.

Subcellular Location: Secreted, extracellular space, extracellular matrix.

Purity: >98%

Traits: Freeze-dried powder

Buffer formulation: Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA and 0.01% sarcosyl.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; ReporterAssays; Purification; Amine Reactive Labeling.

(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  GMCVDGRCVC  KDGFAGEDCN  EPLCLNNCYN  RGRCVENECV
CDEGFTGEDC  SELICPNDCF  DRGRCINGTC  YCEEGFTGED  CGELTCPNDC
QGRGQCEEGQ  CVCNEGFAGA  DCSEKRCPAD  CHHRGRCLNG  QCECDDGFTG
ADCGDLQCPN  GCSGHGRCVN  GQCVCDEGYT  GEDCSQRRCP  NDCHNRGLCV
QGKCICEQGF  KGFDCSEMSC  PNDCHQHGRC  VNGMCICDDD  YTGEDCRDRR
CPRDCSQRGR  CVDGQCICED  GFTGPDCAEL  SCPSDCHGHG  RCVNGQCICH
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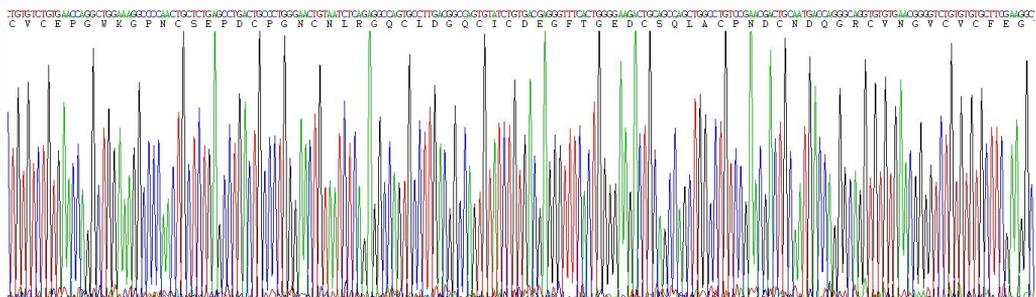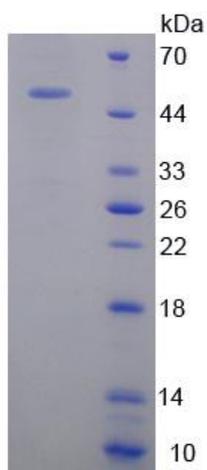
[IDENTIFICATION]

Figure 1. Gene Sequencing (Extract)

Figure 2. SDS-PAGE