Recombinant Tenascin C (TNC) Instruction Manual

SIPB376Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Secreted, Extracellular matrix
Predicted Molecular Mass	51.9kDa
Accurate Molecular Mass	52kDa(Analysis of differences refer to the manual)
Residues & Tags	Cys174~Ser621 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	4.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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
EGFTGKDCKE QRCPSDCHGQ GRCEDGQCIC HEGFTGLDCG QRSCPNDCSN
QGQCVSGRCI CNEGYTGIDC S

USAGE

Reconstitute in ddH_2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image

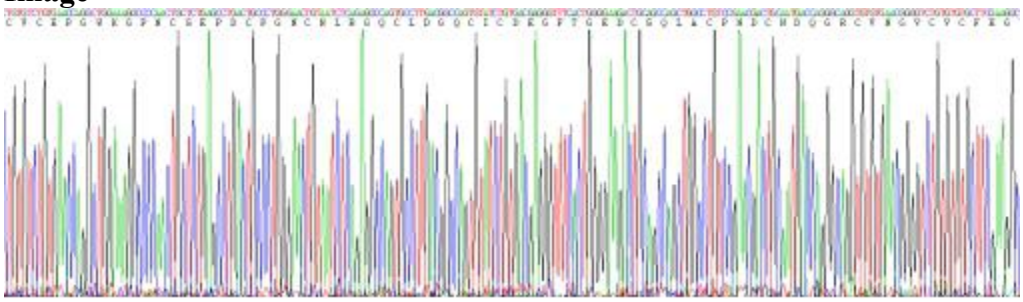

Figure. SDS-PAGE

[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.