RPG445Mu01 100μg

Recombinant Tektin 2, Testicular (TEKT2)

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~Thr430

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, 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: 6.0

Predicted Molecular Mass: 54kDa

Accurate Molecular Mass: 54kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM 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 2-8⁰C for one month.

Aliquot and store at -80⁰C 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]

MATLSFKPSE RYRLSDWRTN SYLLSTNAER QRDASHQIRQ EARILRNETN
NQIVWDEHD NRTRLAERID TVNRWKETLD KCLTDLDAEI DSLAQAKESA E
QNLQAKNL PLDVAIECLT LRESRRDIDV VRDPVEEELL KEVEVIEATK KV
LQEKISQ AFQHLCLLQE IRQQLNSDHR DKMETLEIDR GCLSLNLTSP NIS
LKVNPT RIPKDSTTLQ QWDEFTRFNK NRAEAEMKAS IELREAIALA IAQT
NNELD AQRVATEFTF RKRLREMESF YSELKWQEKN TLEEIAELQG DIRRL
EEDL RRKMMNLKLA HTRLESRTYR SNVELCRDQT QYGLIDEVHQ LEATIN
TMK QKLAQTQNAL DALFKHLARI QADIACKTNT LLLDTKCMDT RRKLTVP
AE KFVPQVDTFT RTTNRTLSPL KICQLELT

[IDENTIFICATION]

70
44
33
26
22
18
14
10

[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.