

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 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

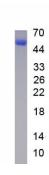
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

### [ SEQUENCE ]



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 ]



# [ 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.