

**RPA611Mu03 10µg**

**Recombinant Thrombospondin 1 (THBS1)**

**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:** Phe957~Lys1129

**Tags:** N-terminal His Tag

**Subcellular Location:** Endoplasmic reticulum lumen

**Purity:** > 95%

**Traits:** Freeze-dried powder

**Buffer formulation:** 100mMNaHCO<sub>3</sub>, 500mMNaCl, pH8.3, containing 0.01% Sarcosyl, 5% Trehalose.

**Original Concentration:** 50µg/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:** 9.0

**Predicted Molecular Mass:** 21.3kDa

**Accurate Molecular Mass:** 21kDa as determined by SDS-PAGE reducing conditions.

## **[ USAGE ]**

Reconstitute in ddH<sub>2</sub>O to a concentration less than or equal to 0.1mg/mL. Do not vortex.

## **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

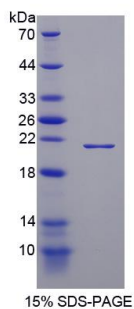
Aliquot and store at -80°C for 12 months.

**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 ]**

FRRF QMIPLDPKGT SQNDPNWVVR HQGKELVQTV NCDPGLAVGY  
DEFNAVDFSG TFFINTERDD DYAGFVFGYQ SSSRFYVVMW KQVTQSYWDT  
NPTRAQGYSG LSVKVVNSTT GPGEHLRNAL WHTGNTPGQV RTLWHDPRHI  
GWKDFTAYRW RLSHRPKTGY IRVVMYEGK

### [ 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.