

RPD822Mu01 50µg
Recombinant Thrombospondin 2 (THBS2)
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: Asp968~Arg1170

Tags: N-terminal His and GST Tag

Subcellular Location: Secreted

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .

Original Concentration: 700µg/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: 6.4

Predicted Molecular Mass: 53.3kDa

Accurate Molecular Mass: 53kDa 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]

DFR NFQMVPLDPK GTTQIDPNWV IRHQGKELVQ TANSDPGIAV
 GFDEFGSVDV SGTFYVNTDR DDDYAGFVFG YQSSSRFYVW MWKQVTQTYW
 EDKPSRAYGY SGVSLKVVNS TTGTGEHLRN ALWHTGNTEG QVRTLWHPK
 NIGWKDYTAY RWHLIHRPKT GYMRVLVHEG KQVMADSGPI YDQTYAGGRL
 GLFVFSQEMV YFSDLKYECR

[IDENTIFICATION]

G A A T T C G A T C C C A A G G G G A C G C A C A A A T T G A T C C G A A C T G G G T A A T T C G T C A C C A A G G C A A A G A G C T G G T G C A G A C A G C A A A C T C A G A C C C T G G C A T C G C T G T A G G T T T O S A C G A G T T T G G G T C T G T G G A C T T C A G T G C A C T T T C T A T G T C A A C A C T G A C C G G A T G A T G A C T A C G C T G

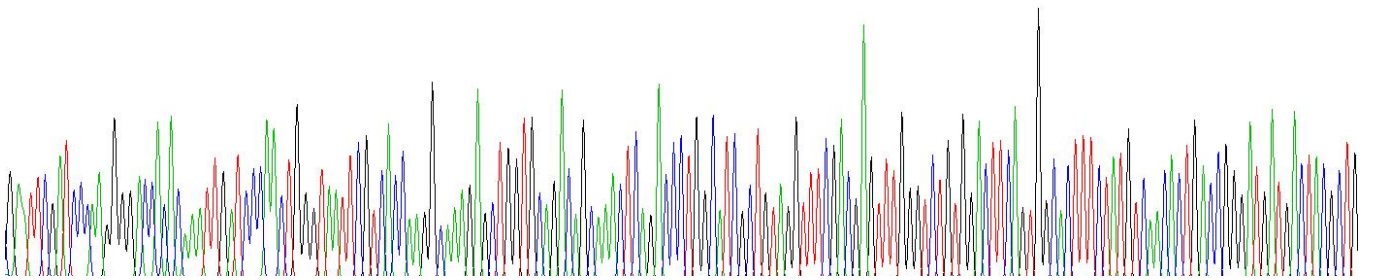
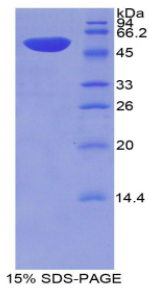


Figure . Gene Sequencing (extract)



[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.