

RPE000Mu01 100µg

Recombinant CREB Regulated Transcription Coactivator 2 (CRTC2)

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: Ala445~Gln693

Tags: N-terminal His and GST Tag

Subcellular Location: Nucleus, 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: 5.1

Predicted Molecular Mass: 56.3kDa

**Accurate Molecular Mass:** 56kDa 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.

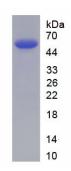
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration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

#### [SEQUENCE]

ARRSQQ QLPKQFSPTM SPTLSSITQG VPLDTSKLPT DQRLPPYPYS PPSLVIPTHP PTPKSLQQLP SQACLVQPSG GQPPGRQPHY GALYPPGSSG HGQQPYHRPI NDFSLGNLEQ FNMESPSTSL VLDPPAFSEG PGFLGSEGSM SGPQDPHVLN HQNLTHCSRH GSGPNIILTG DSSPGFSKEI AAALAGVPGF EVSASGLELG LGLEDELRME PLGLEGLTML SDPCALLPDP AVEDSFRSDR LQ



# [ 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.