

RPA260Mu01 50μg Recombinant Beta-2-Microglobulin (b2M) Organism Species: *Mus musculus (Mouse) Instruction manual* 

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

# Coud-Clone Corp.

## [PROPERTIES]

Source: Prokaryotic expression Host: E.coli Residues: Gln22~Met119 **Tags:** N-terminal His Tag Subcellular Location: Secreted **Purity:** > 97% Traits: Freeze-dried powder Buffer formulation: 100mMNaHCO<sub>3</sub>, 500mMNaCl, pH8.3, 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: 6.1 Predicted Molecular Mass: 12.8kDa Accurate Molecular Mass: 14kDa as determined by SDS-PAGE reducing conditions. [USAGE] Reconstitute in  $ddH_2O$  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.

### [ <u>SEQUENCE</u> ]



QKTPQIQVY SRHPPENGKP NILNCYVTQF HPPHIEIQML KNGKKIPKVE MSDMSFSKDW SFYILAHTEF TPTETDTYAC RVKHASMAEP KTVYWDRDM

[IDENTIFICATION]

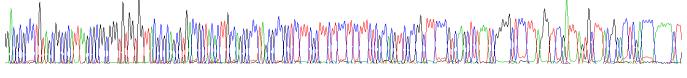


Figure . Gene Sequencing (extract)

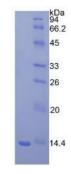


Figure. SDS-PAGE

### [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.