

RPG916Mu01 100µg

Recombinant Ubiquinol Cytochrome C Reductase Core Protein II (UQCRC2)

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: Ser15~Leu453

Tags: N-terminal His Tag

Subcellular Location: Membrane, Mitochondrion

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: 9.4

Predicted Molecular Mass: 50.3kDa

Accurate Molecular Mass: 50kDa 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]

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SLKVAPKVKT SAAPGGVPLQ PQDLEFTKLP NGLVIASLEN YAPLSRIGLF VKAGSRYEDS
NNLGTSHLLR LASSLTTKGA SSFKITRGIE AVGGKLSVTA TRENMAYTVE GIRSDIEILM
EFLLNVTAP EFRRWEEVAAL RSQKIDKAV AFQNSQTRII ENLHDVAYKN ALANPLYCPD
YRMGKITSEE LHYFVQNHFT SARMALVGLG VSHSVLKQVA EQFLNMRGGL GLAGAKAKYR
GGEIREQNGD NLVHAAIVAE SAAIGNAEAN AFSVLQHLLG AGPHIKRGNN TTSLLSQSVA
KGSHQPFQVS AFNASYSDSG LFGIYTISQA AAAGEVINAA YNQVKAVAQG NLSSADVQAA
KNKLGAGYLM SVETSEGFLS EIGSQALAAG SYMPPSTVLQ QIDSVADADV VKAAKPFVSG
KKSMAASGNL GHTPFLDEL
  
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[IDENTIFICATION]



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.