RPC742Mu01 100µg

Recombinant Pseudouridylate Synthase 1 (PUS1)

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: Met1~Asp423

Tags: N-terminal His Tag

Subcellular Location: Mitochondrion

Purity: > 97%

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: 9.0

Predicted Molecular Mass: 51.2kDa

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 2-8ºC for one month.

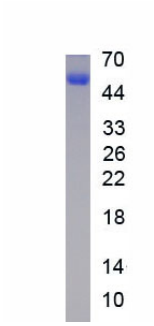
Aliquot and store at -80ºC for 12 months.

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]

MGFPRLWAAL LRNWGRWTAR PGPRVPGLPP MAGNKVPPAL ASHQPDRKGR
GGWVWEETEH PAKRVKGGED EEPPRKLPKR KIVLLMAYSG KGYHGMQRNL
GSSQFRTIED DLVSALVQAG CIPENHGTDM RKMSFQRCAR TDKGVSAAGQ
VVSLKVWLID DILDKINSHL PSHIRILGLK RVTGGFNSKN KCDARTYCYM
LPTFAFAHKD RDVQDESYRL SAETLQQVNR LLACYKGTHN FHNFTSQKGP
REPSARRYIL EMYCEEPFVR EGLEFAVIKV KGQSFMMHQI RKMVGLVVAI
VKGYAPESVL ERSWGEEKVD VPKAPGLGLV LERVHFEKYN QRFGGDGLHE
PLDWTQEEGK VTAFKEQYIY PTIVSTERDE RSMAQWLNTL PIHNFSGTAL
GAADTGAKVP SSLEGSEGDG DTD

[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.