

**RPC742Hu01 50µg**

**Recombinant Pseudouridylate Synthase 1 (PUS1)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

**[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Met1~Asp427

**Tags:** N-terminal His Tag

**Subcellular Location:** Secreted

**Purity:** > 90%

**Traits:** Freeze-dried powder

**Buffer formulation:** 100mMNaHCO<sub>3</sub>, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.

**Original Concentration:** 100µg/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:** 8.7

**Predicted Molecular Mass:** 51.2kDa

**Accurate Molecular Mass:** 51kDa as determined by SDS-PAGE reducing conditions.

**[ USAGE ]**

Reconstitute in ddH<sub>2</sub>O to a concentration of 0-0.5 mg/mL. Do not vortex.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

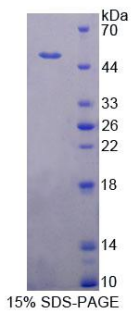
Aliquot and store at -80°C for 12 months.

**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 ]**

MGLQLRALLG AFGRWTLRLG PRPSCSPRMA GNAEPPPAGA ACPQDRRSCS  
GRAGGDRVWE DGEHPAKKLLK SGGDEERREK PPKRKIVLLM AYSGKGYHGM  
QRNVGSSQFK TIEDDLVSAL VRSGCIPENH GEDMRKMSFQ RCARTDKGVS  
AAGQVVSLKV WLIDDILEKI NSHLP SHIRI LGLKRVTGGF NSKNRCDART  
YCYLLPTFAF AHKDRDVQDE TYRLSAETLQ QVNRL LACYK GTHNFHNFTS  
QKGPQDPSAC RYILEMYCEE PFVREGLEFA VIRVKGQSFM MHQIRK MVGL  
VVAIVKGYAP ESVLERSWGT EKVDV PKAPG LGLV LERVHF EKYNQRFGND  
GLHEPLDWAQ EEGKVA AFKE EHIYPTIIGT ERDERSMAQW LSTLPIHNFS  
ATALTAGGTG AKVPSPLEGS EGDGDTD

**[ 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.