

RPP750Hu01 10µg
Recombinant RAD51 Homolog (RAD51)
Organism Species: Homo sapiens (Human)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[**PROPERTIES**]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Ala2~Asp339

Tags: N-terminal His-Tag

Tissue Specificity: Testis, Pancreas, Ovary.

Subcellular Location: Nucleus. Cytoplasm, perinuclear region. Mitochondrion matrix.

Purity: >99%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.4

Predicted Molecular Mass: 40.5kDa

Accurate Molecular Mass: 41kDa as determined by SDS-PAGE reducing conditions.

[**USAGE**]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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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AMQMQLLEAN ADTSVEEESF GPQPISRLEQ CGINANDVKK LEEAGFHTVE
AVAYAPKKEL INIKGISEAK ADKILAEAAK LVPMGFTTAT EFHQRRSEII
QITTGSKELD KLLQGGIETG SITEMFGEFR TGKTQICHTL AVTCQLPIDR
GGGEGKAMYI DTEGTFRPER LLAVAERYGL SGSDVLDNVA YARAFNTDHQ
TQLLYQASAM MVESRYALLI VDSATALYRT DYSGRGELSA RQMHLARFLR
MLLRLADEFQ VAVVITNQVV AQVDGAAMFA ADPKKPIGGN IIAHASTTRL
YLRKGRGETR ICKIYDSPCL PEAEAMFAIN ADGVGDAKD

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[IDENTIFICATION]

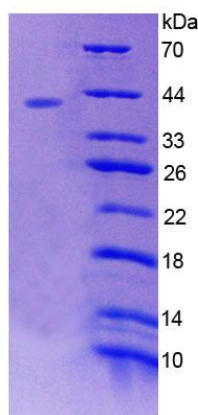


Figure 1. SDS-PAGE