

RPA473Ra01 10 μ g
Recombinant Xeroderma Pigmentosum, Complementation Group C (XPC)
Organism Species: Rattus norvegicus (Rat)
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: Glu734~Leu933

Tags: N-terminal His-Tag

Purity: >92%

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: 8.6

Predicted Molecular Mass: 26.2kDa

Accurate Molecular Mass: 28kDa 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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                                EYQPPVA VDGKVP RNEF
GNVYLF LPSM  MPIGCV QMNL  PNLHRV ARKL  GIDCVQ AITG  FDFHGG YCHP
VTDGYV VCEE  FRDVLL AAE  NEQALIE KKE  KKKKRA LG  NKKLLV RGLL
IRERLK LRYG  AKSEAA PHA  NAGGGL SDE  EEGTSS QAEA  ARVLAAS WPQ
NRETKE EQP  DYTEKMT RRRR  AAEASH LFPF  EKL
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[IDENTIFICATION]

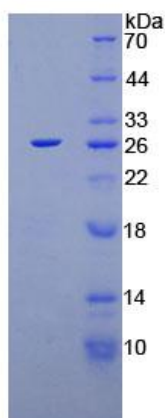


Figure 1. SDS-PAGE