

RPD013Mu01 100ug
Recombinant X-Ray Repair Cross Complementing 5 (XRCC5)
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: Leu251~Ile732

Tags: N-terminal His Tag

Subcellular Location: Nucleus

Purity: > 95%

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: 5.1

Predicted Molecular Mass: 58.8kDa

Accurate Molecular Mass: 59kDa 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.

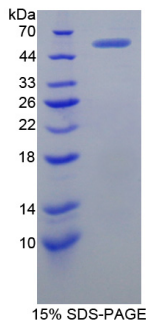
Aliquot and store at -80°C for 12 months.

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]

LTIGPNLSIK IVAYKSIVQE KFKKSWVVVD ARTLKKEDIQ KETVYCLNDD
 DETEVSKEDT IQGYRYGSDI IPFSKVDEEQ MKYKSEGKCF SVLGFCKSSQ
 VHRRFFMGHQ VLKVFAAKDD EAAVALSSL VHALDELNMV AIVRYAYDKR
 SNPQVGVAFP YIKDAYECLV YVQLPFMEDL RQYMFSSLKN NKKCTPTEAQ
 LSAIDDLIDS MSLVKKNEEE DIVEDLFPTS KIPNPEFQRL YQCLLHRALH
 LQERLPPIQQ HILNMLDPPT EMKAKCESPL SKVKTLFPLT EVIKKKNQVT
 AQDVFQDNHE EGPAAKKYKT EKEEDHISIS SLAEGNITKV GSVNPVENFR
 FLVRQKIASF EEASLQLISH IEQFLDTNET LYFMKSMDCI KAFREEAIQF
 SEEQRFNFL EALREKVEIK QLNHFWEIVV QDGVTLITKD EGPGSSITAE
 EATKFLAPKD KAKEDTTGPE EAGDVDDLLD MI

[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.