TEL:4006-871-227 Web:www.ybio.net Email:shybio@126.com

YBD013Mu01 100μg

Recombinant X-Ray Repair Cross Complementing 5 (XRCC5)

Organism Species: Mus musculus (Mouse)

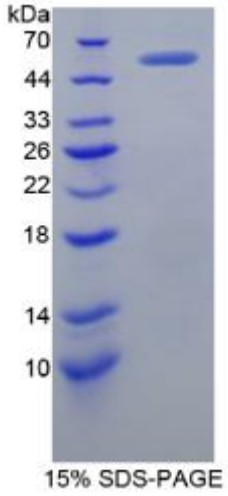
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]



15% SDS-PAGE

Residues: Leu251~Ile732

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: P27641

Host: *E. coli*

Subcellular Location: Nucleus.

Purity: >95%

Endotoxin Level: <1.0EU per 1μg (determined by the LAL method).

Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 5.1

Predicted Molecular Mass: 58.8kDa

Applications: SDS-PAGE; WB; ELISA; IP.

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

[USAGE]

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Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8^{O}C for one month.

Aliquot and store at -80^{O}C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37^{O}C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

LTIGPNLSIK IVAYKSIVQE KFKKSWVVVD ARTLKKEDIQ KETVYCLNDD DETEVSKEDT IQGYRYGSDI IPFSKVDEEQ MKYKSEGKCF SVLGFCKSSQ VHRRFFMGHQ VLKVFAAKDD EAAAVALSSL 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 SEEQRFNSFL EALREKVEIK QLNHFWEIVV QDGVTLITKD EGPGSSITAE EATKFLAPKD KAKEDTTGPE EAGDVDDLLD MI